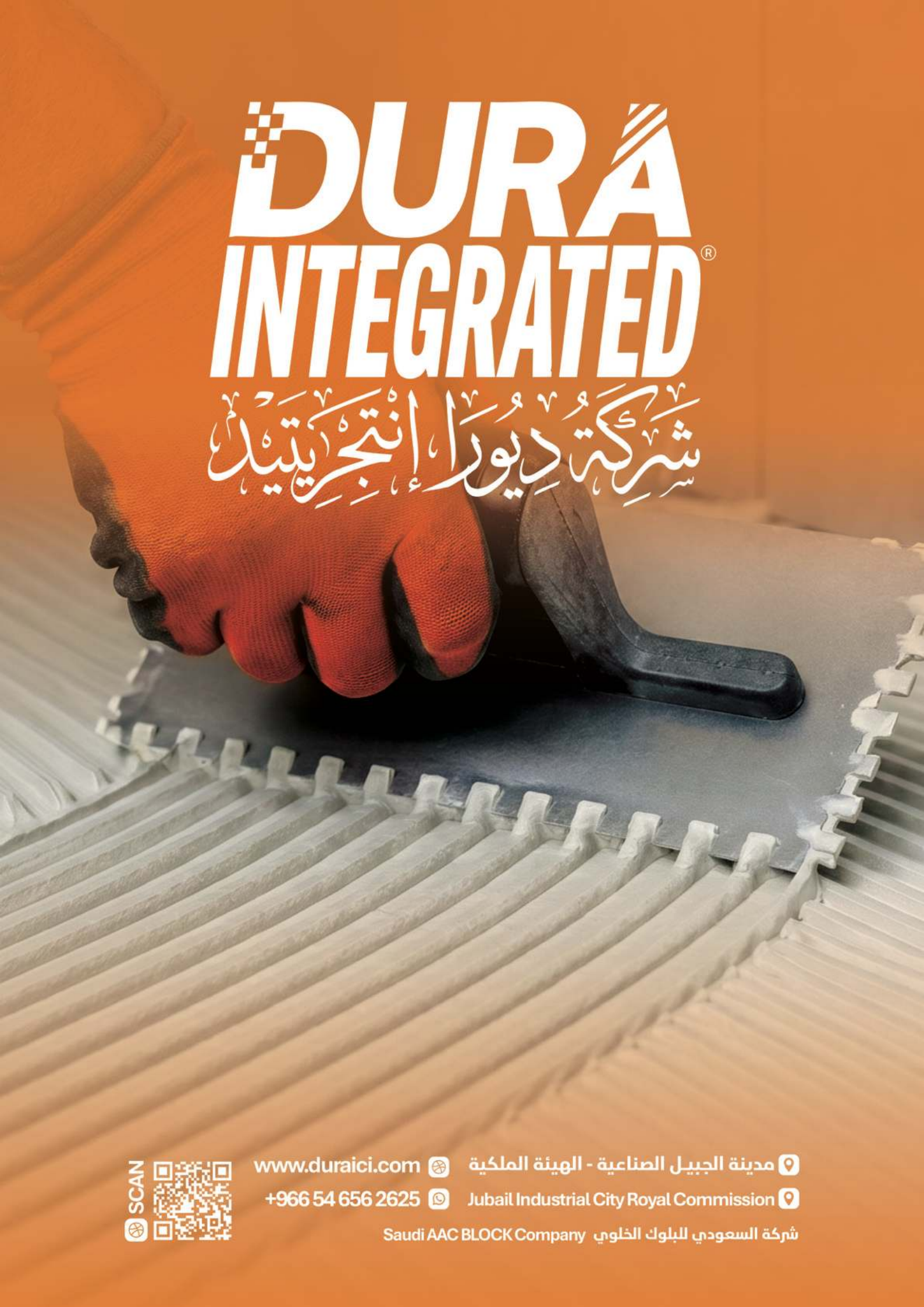


مدينة الجبيل الصناعية - الهيئة الملكية
Jubail Industrial City Royal Commission
شركة السعودي للبلوك الخلوي Saudi AAC BLOCK Company
www.duraici.com
+966 54 656 2625
SCAN

INTRODUCTION

In light of the rapid urban and infrastructural development taking place across the Kingdom of Saudi Arabia and the wider region, and building on nearly two decades of industrial expertise, our journey has been driven by a commitment to quality and innovation.

Through the Saudi AAC Block Company, located in the Royal Commission Industrial City in Jubail, we have successfully contributed to the construction sector by delivering high-quality products and solutions. These include lightweight autoclaved aerated concrete (AAC) blocks and a wide range of precast insulating elements such as panels, slabs, lintels, and more.

Over the years, we have developed strong technical and managerial capabilities, supported by a forward-looking vision and a firm determination to expand our portfolio with additional locally manufactured products that meet the growing demands of the market.

From this standpoint, this project represents a strategic step toward expanding our operations to include the production of:

- Dry mix mortar
- Adhesives (construction glue)
- Liquid construction chemicals
- Paints and coatings of various types

Our objective is to establish a fully integrated industrial entity that provides comprehensive construction solutions under one umbrella. This initiative aims to position the factory as a leading national landmark, distinguished by the diversity, quality, and integration of its products—making it a unique project across the Kingdom and the region.

DURA INTEGRATED®



- ADHESIVE PRODUCTS
- GROUT PRODUCTS
- CHEMICAL CONSTRUCTION POWDER
- LIQUID CHEMICAL CONSTRUCTION
- PLASTERING PRODUCTS
- PRODUCTS FOR WATER AND HEAT PROOF
- PAINTS INTERIOR AND EXTERIOR
- DECORATIVE PRODUCTS

ULTRA FIX C2TES2

Ultra fix
Multi-Purpose Tile Adhesive

Product description:
Ultra fix is a high-quality cement-based tile adhesive with superior workability. Used for thick and thin bed applications, it is ideal for all types and sizes of Ceramic tiles, Glass Mosaics, Marble, Granite as well as Porcelain tiles.

Fields of Application:
Floor and wall bonding of all types and sizes of Ceramic Tiles, Porcelain Tiles, Glass Mosaics, Marble, Granite and decorative bricks on cementitious renders, cementitious screeds and concrete.
Interior and exterior use.
Multi-purpose use and suitable for tiles on existing tile application.

Properties:
Resistant to water and humidity.
Superior workability. Flexible & Durable.
Extended open time. Good Slip Resistance.
Hydraulic bonding quality.

Surface Preparation:
Make sure the substrate has been correctly installed according to relevant standards and manufacturer's recommendation:
Allow curing time at least for screeds (7 days) and concrete (14–28 days).
Remove all materials that will interfere with bond. These include but are not limited to oil, grease, wax, release agents, curing compound, dust and any loose material.
Ensure surface is mechanically sound. All weak or friable material must be removed.

Storage:
2 years from date of production if stored properly in original unopened, sealed and undamaged packaging in cool and dry conditions at temperatures between +5°C and +35°C. Protect from direct sunlight. Protect from humidity.

Packing:
20 kg multi-ply paper bags. 48 bags per pallet.

Standards:
Ultra fix complies with ISO 13007 and BS EN 12004 as (C2TE).

Product disclaimer:
The above information is given as a guide to the use of this product. Furthermore, users should satisfy themselves that it is suitable for their needs. Since we have no control over the conditions under which it is used, we cannot accept responsibility for problems caused by the use and/or application of this product.

General Data:

Appearance	White Powder
Mixing Ratio	6 - 6.5 liters water / 20 kg. powder
Pot Life	2 hours
Applic ation Temperature Range	(+5°C) - (+35°C)
Slip (ISO 13007)	≤ 0.5 mm
Open Time	20-25 minutes ≥ 0.5 N/mm^2
Grouting	24 to 48 hours after completion of tiling
Consumption	2 - 3 $kg./m^2$
Adjustable Time	approximately 10-18 minutes

Performance Data:

Tensile Adhesion Strength @ 28 Days (BS EN 12004)	≥ 25 N/mm^2
Compressive Strength @ 28 days (BS EN 12004)	≥ 2.4 MPa
Pull Strength @ 28 days (BS EN 12004)	≥ 2.4 MPa
Reaction to Fire	A1



MEGA FIX C1E

MEGA FIX C1E
High quality cementitious Tile adhesive

Product description:
MEGA FIX C1E is a cementitious tile adhesive composed of hydraulic binders, selected aggregates and special additives.

Fields of Application:
Floor and wall bonding of all types of Ceramic tiles, Terrazzo tiles, Riyadh Stone and decorative bricks on cementitious renders, cementitious screeds and concrete.
Suitable for Marble Flooring works.
Interior and exterior bonding of glass bricks.
Internal use only.

Properties:
Perfect adherence.
Water Resistant.
Superior workability.
Allows installation of tiles from top towards the bottom.
Extended open time.

Surface Preparation:
Make sure the substrate has been correctly installed according to relevant standards and manufacturer's recommendation:
Allow curing time at least for screeds (7days) and concrete (14 28 days).
Remove all materials that will interfere with bond. These include but not limited to oil, grease, wax, release agents, curing compound, dust and any loose material.
Ensure surface is mechanically sound. All weak or friable material must be removed.

Limitations:
Not suitable for use with glass mosaic or porcelain tiles or other low absorption (<15%) tiles.
Do not apply to wood, steel or painted surfaces.
Tiling in newly constructed buildings should not begin until all shrinkage movement has occurred.
Do not apply to dry substrates or in rain or on a water submerged surface.

Storage:
2 year from date of production if stored properly in original unopened, sealed and undamaged packaging in cool and dry conditions at temperatures between +5°C and +35°C. Protect from direct sunlight. Protect from humidity.

Packing:
20 kg. Multi-ply paper bags. 48 bags per palette.

Standards:
MEGA FIX C1E complies with ISO 13007-1 and BS EN 12004 as a normal cement tile adhesive with slip
resistance (C1E).

General Data:

Appearance	White Powder
Mixing Ratio	6 - 6.5 liters water / 20 kg. powder
Pot Life	2 hours
Applic ation Temperature Range	(+5°C) - (+35°C)
Slip (ISO 13007)	≤ 0.5 mm
Open Time	20-25 minutes ≥ 0.5 N/mm^2
Grouting	24 to 48 hours after completion of tiling
Consumption	3 - 5 $kg./m^2$

Performance Data:

Tensile Adhesion Strength @ 28 Days (BS EN 12004)	≥ 0.6 to 1.15 N/mm^2
Compressive Strength @ 28 days (BS EN 12004)	≥ 15 to 20 MPa
Pull off Strength @ 28 days (BS EN 12004)	≥ 0.6 to 1.15 MPa
Reaction to Fire	A1



NANO FIXER

Description
(DNF) is a slury forming adhesive product based on inorganic minerals. The product is used as an alternative to cementitious thin-set products. The product is used when conventional fixing methods are used by tilers where the semi-dry mix or screed mix is used for the fixing process on floors. Where the conventional technique is used throughout the middle east, Africa and India, (DNF) provides a perfect solution that enables obtaining high adhesion strength.

Product Uses:
- For fixing of ceramic, porcelain, marble, single-fired tiles and stable natural stone.
- Also works with clinker, cotto and ceramic mosaic.
- Industrial applications as well as street furniture.
- Floors in internal and external applications.

Features & Benefits:
- Ease of use, requires only the addition of water.
- Factory blended with assured consistent quality.
- Very high adhesion strength.
- Eliminates the need to use a cementitious tile adhesive.
- Very thin layer application.
- Horizontal use only.
- Withstands thermal shock and freezing.
- Application Instructions.

Mixing:
Add 9 liters of water to a suitable mixing vessle then add the powder (25 Kg Bag) to the water gradually while mixing continuously to reach a smooth creamy consistent slurry.
Values taken at +23° C and 50% R.H. standardized laboratory conditions. Data may vary depending on site conditions.
You can use part mixing while maintaining a water to powder ratio of 0.36.

Substrate Preparation:
The receiving surface mix or screed must be clean, well compacted and flat to be suitable for laying covering materials.

Application:
For tack applications: (DNF) must be applied with tacking method directly on cement-based screed while it is still fresh. Spread a uniformly distributed quantity of product to cover the surface. Moisten the tacking with a sprinkler and proceed to lay the covering materials. Tap down on the flooring with the appropriate equipment, moving in a direction perpendicular to that followed during the laying and constantly making sure that the tiles have adhered properly to the substrate. Moisten a second time if necessary. Depending on customary practice and preference, hydration of the tacking can also be done after tiles have been laid.

Slurry key application: Mix (DNF) with clean water until a fluid, lump-free slurry is obtained. Apply a uniform layer of at approximately 2 mm on the semi-dry mix or screed using a spreader or a trowel. Lay down the covering materials and level it using a rubber hammer.

Cleaning:
Clean any residues of (DNF) from tools or covered surfaces with water prior to the hardening of the product.

Important Considerations:
When Appling (DNF) externally with large format tiles or slabs in areas of excess 900m^2 or subject to heavy strain; use (DNF) as a slurry key similarly to back buttering technique by brushing a coat of the adhesive slurry in to the back of the Tile as well.
Expansion joint should be observed every 20 to 25 m in interiors, 10 to 15 m in exterior in exteriors and any 8 meters in length of long and narrow areas. These dimensions are based on The European weather conditions and it has to be reduced in the Gulf Area due to high temperature
Commence grouting once the screed or semi-dry mix has hardened to avoid changes in color.
If necessary, request safety datasheet.

Packaging:
The product available in 25 kgs bag.

Storage:
It can be stored 24 months.



AAC BLOCK MORTAR

AAC Mortar

AAC MORTAR (white brick building thermal insulation) available in grey and white color and its weight is 30kgs.

Uses:

Used for light weight block fixation during the building process with the lowest thickness ranged between 1 and 3mm to avoid any heat leakage and also contains thermal insulation materials to maintain light weight thermal insulation properties in reversely proportional to using traditional cement mortar which applied by 1 to 2 mm which leads to heat leakage and sieving while 1 bag 30 kg is enough for 50 to 80 bricks building of light weight block size 60cmx 20cm x 20cm.

AAC MORTAR (cement block mortar) available in grey color its weight 30 kg applied with the lowest thickness ranged between and 5 mm by using AAC MORTAR that create good leveling because of the lowest thickness applied.

AAC MORTAR is ready for mixing by adding the advised quantity of water according to written work instructions in the bag or adequate quantity of water till good consistency obtained compared with the traditional mortar application needs sand storage and random mixing which spending much time and effort.

Mixing:

Add 6-8 liters of clean water to UFIX AAC MORTAR (30kg) and mix thoroughly using mechanical mixer for 3-5 minutes until a uniform paste is achieved and ensure that the mix is free from lumps.

Packaging:

AAC MORTAR is packed in 30kg bag.

Coverage & Cleaning:

Coverage is depending on smoothness and evenness of the substrate, size of blocks used and the thickness of mortar used. A general guideline for coverage is given below. Tools should be cleaned with water after the application of AAC MORTAR.

Storage:

AAC MORTAR has a shelf life up to 24 months from the date of production when stored in dry place free from moisture content in original sealed packing.

Health and Safety:

Use the required safety equipment's when mixing and applying of.

Advantages:

AAC MORTAR mixed directly with water only and no need to sand and cement storage.

It doesn't need for curing by water compared with traditional mortar.

AAC MORTAR contains additives to maintain the thermal insulation of light weight blocks.

Standard Compliance:

Type	Result1
Compressive Strength	5 to 11 MPa
Pull off Strength	1.5 MPa
Tensile Strength	0.5 to 0.65 MPa
Pot Life	1.30 Hour
Open Time	28 Minutes
Compact Density	1.9kg/L

Thickness	Coverage of 30kg
3 mm	7.5 M^2
6 mm	3.75 M^2
9 mm	3 M^2
12 mm	2.25 M^2



FOAM BOARD FIXER

Description

BOARD FOAM FIXER is manufactured by UFIX an ISO Certified company.

BOARD FOAM FIXER is a ready cementitious mortar reinforced with polymer ingredients. Based on Portland grey cement, aggregates of selected grading and special additives, offers strong adhesion of thermal insulation boards.

is manufactured by UFIX an ISO Certified company.

BOARD FOAM FIXER is a ready cementitious mortar reinforced with polymer ingredients. Based on Portland grey cement, aggregates of selected grading and special additives, offers strong adhesion of thermal insulation boards.

Product Uses:

BOARD FOAM FIXER can be used in thermal insulation boards made of extruded or expanded polystyrene or mineral wool, exterior and interior surface of buildings and to substrates such as concrete, bricks, plaster, stone, aerated concrete etc

Advantages:

- Excellent adhesion to the surfaces of thermal insulation boards.
- High Mechanical strength
- Flexibility.
- Durability overtime
- High resistance to changes in temperature between heat and cold.
- Easy to apply.

Limitations:

Do not mix with any additives or products, unless recommended by UFIX. Mixing water should be clean and its temperature between 20 - 35ºC. Also, application must be in a temperature in between 5ºC to 35ºC Make sure the substrate is suitable for the underlayment application. In case of doubt, try on the sample area to assess its suitability.

Storage:

BOARD FOAM FIXER can be stored 24 months in the original packaging in a normal indoor environment.

Mixing the Adhesive:

For applying BOARD FOAM FIXER mixing, add to the mixing container 5 liters of water for each 20 KG bag of cerac foam board fixer. Add the powder to the water and mix with a mechanical plaster mixer or mechanical stirrer fitted with a suitable paddle for 3 - 4 minutes, until a uniform, lump- free fluid consistency is achieved.

Application curing:

FOAM BOARD FIXER is a self-curing product. Protect the applied material from environmental agents such as wind, direct sunlight, dirt, and dust exposure for at least the first 2 hours to ensure smooth leveled hard surfaces.

Traffic:

Light foot traffic can be accepted after 6 hours at medium temperatures. Cold temperature of less than 100C will require 48 hours before exposure to any foot traffic.

Warning:

The technical details and recommendations in this data sheet are to the best of our current knowledge and experience, and must in every case be taken as merely indicative and are to be confirmed beforehand by the consumer for the intended application. The user alone shall be fully responsible for the consequences of any misuse.

Fire:

FOAM BOARD FIXER is non-flammable.

Technical Details:

Water requirement	5 liters. per 20 kg
Coverage	20 kg cover 5m^2 using 3mm notched trowel
Open time	30 minutes
Bond strength	1.55 N/MM2
Pot life	6 hours
Final set	48 hours



SUPER GROUT

SUPER GROUT
Water Resistant Multi-Purpose Super grout

Product Description:
Super grout is a cementitious polymer modified tile grout composed of hydraulic binders, selected aggregates, special additives, and polymers. It is supplied as a dry powder in pre-weighed bags ready to use on-site, which requires only the addition of clean water to produce easily workable mortar. Grout is ideal for jointing of Ceramic Tiles, Terrazzo Tiles. Marbles. Tile Grout is available in white and grey, also available in other colors and different packing. Tile Grout is applied in a thickness of 2-4 mm for wall tiles and 3-8 mm for floor tiles.

Fields of Application:
Suitable for the grouting of walls and floor joints.
Suitable for use with Porcelain tiles, Marble, Granite and Ceramic tiles.
Suitable for indoor and outdoor areas.
Suitable for bathrooms, kitchens and other wet areas.

Advantages:
High abrasion resistance.
Water and weather resistant.
Anti-bacterial and mould resistant.
Low shrinkage rate, free of cracks.
Uniform color, for aesthetic joint appearance.
Easy to apply and clean.
Available in wide range of brilliant colors.

Surface Preparation:
Before grouting, ensure that the adhesive has completely dried and hardened. Adhesive should be left for 24 hours before applying the grout, unless rapid setting adhesive is used.
All tiles and joints must be clean and free from oil, grease or loose materials. Remove the tile spacers and ensure that the grout joints are uniform and their width does not exceed 5 mm to avoid slumping.

Mixing:
To ensure proper mixing, a mechanically powered mixer or drill fitted with suitable paddle should be used. 2.8-3.2 liters of clean fresh water for each 10 kg bag should be added to a clean container. The powder is then added slowly to the water while mixing continuously at low speed (300-500 rpm). Mixing time should be continued for 3 minutes until a uniform consistency and free of lumps mixture is obtained. Allow a slake time for 5 minutes, then remix for additional 1 minute without adding any more water.

Storage & Packing:
24 months in original un opened packs, use opened packs immediately. Protect from direct sunlight. Protect from humidity. 20 kg/10kg. Multi-ply paper bags. 48 bags per palette.

General Data:

Open Time	10 Min
Pot Life	60 Min. under temp -+5°C to +30°C
Density of the Mixed Mortar	1.75Kg/L
Mixing Ratio	20kg to 5-6L of water
Mixing Time	3 min

Performance Data:

Compressive Strength @ 28 days (ISO 13007-4)	15.0 to 24 MPa
Flexural Strength @ 28 days (ISO 13007-4)	≥ 2.5 to 6.5 MPa
Abrasion Resistance (ISO 13007-4)	<500mm^3
Water Absorption (ISO 13007-4)	<0.5gm



CONCRETE GROUT

Product Description:
CONCRETE GROUT is a non-metallic, cementitious grout that provides hard, dense joints that resist shrinking, cracking and wear.

Where to Use:
DCB is used as concrete grout and repairing mortars. It can be used for structural grouting of column base plates, machine base plates, anchor rods, bearing plates, etc... multiple fluidity allows ease of placement: ram in place as a dry pack, trowel apply as a medium flow, pour or pump as high flow.

Advantages:
- Easy to use.
- Multiple fluidity with one material.
- Non-metallic, will not stain or rust.
- Low heat build-up.
- Interior and exterior applications.

Substrate and Surface Preparation:
move all dirt, oil, grease, and other bond-inhibiting materials by mechanical means. Anchor bolts to be grouted must be de-greased with suitable solvent. Concrete must be sound and roughened to promote mechanical adhesion. Prior to pouring, surface should be brought to a saturated surface-dry condition. Surface should be cleaned and prepared thoroughly by blast cleaning to a white metal finish.

Mixing:
As a cement containing blended powder CONCRETE GROUT must be thoroughly mixed with clean, portable water to a homogeneous slurry prior to application. As the cement cures, the slurry will get thicker with time until it is no longer usable.
Mechanical stirrers are recommended for mixing powder into water. The pot life is about 3 hours in ambient conditions. Addition of too much water will result in shrinkage and cracking.
Must be use 4-6 kg of aggregates per 20 kg bags.

Application:
CONCRETE GROUT can be applied for grouting floors and walls in areas subject to intense traffic, residential areas, balconies, terraces, etc. Do not use more quantities of water during mixing, it causes shrinkage and cracking.

Color and Packing:
CONCRETE GROUT is available in grey color.
CONCRETE GROUT is delivery in 20 kg. powder in paper bags.

Safety Precautions:
The product contains Portland cement. Avoid eye contact or prolonged contact with skin. Wash thoroughly after handling. If eye contact occurs, flush with water for 15 minutes and consult a physician. Use with adequate ventilation; do not breathe dust and wear a NIOSH approved respirator. If ingested, do not induce vomiting; call a physician immediately.

Storage:
CONCRETE GROUT can be stored 24 months in the original packaging in shade and dry places.

Warning:
The technical details and recommendations in this data sheet are to the best of our current knowledge and experience, and must in every case be taken as merely indicative and are to be confirmed beforehand by the consumer for the intended application. The user alone shall be fully responsible for the consequences of any misuse.

Technical Details:

Compressive Strength	80 N/mm2
Tensile Strength	75 N/mm2
Flexural Strength	70 N/mm2
Setting Time	3.5 - 5.5 Hrs.



FINE BOND

Product Description:
FINE BOND is a ready to use cementitious powder consists of a blend of Portland cement, graded aggregates, and special chemical additives. Mixing FINE BOND with controlled amount of water yields a highly consistent repair mortar suitable for most structural concrete repairs. FINE BOND can be applied in a single application in sections up to 50 mm thickness in horizontal areas and 20 mm in veFrtical areas. FINE BOND is a dry pre-blended coat meant for smooth concrete walls and ceilings. FINE BOND offers a mechanical key for subsequent layers of cement-based plasters. No hacking is required over concrete. Used as a plaster for concrete and cementitious surface. FINE BOND is a bonding coat, applied in an average thickness of 3 mm to 10 mm. Dash coat is based on Portland Cement, graded sand and chemical additives. Ideal as a bonding coat to apply on concrete walls and ceilings.

Water Requirement:
4 to 6 liters. of water per 20 kg bag.

Substrate and Surface Preparation:
Surfaces to which DFB are applied, should be clean, sound, free of dust and loose particles. Cement laitance, oil, grease, mold release oil or curing compounds must be removed from concrete or masonry surfaces by using wire brush, bush hammer, scrabblier, grit blasting or other means. During application, the temperature of the substrate should not be below 50C.

Mixing:
Care should be taken to ensure that DFB is thoroughly mixed. Small quantities (up to 10kg) can be mixed by hand using a suitable mixing drum or bucket. Greater quantities must be mixed with a mechanical forced mixer with a high shear stirrer. Use potable water while mixing and add water into the mixing vessel and with a mixer in operation, add one full bag of DFB and mix for 3 to 5 minutes until a fully uniform and homogeneous mix is achieved. Dependent on the ambient temperature and the desired consistency the amount of water required may vary slightly but should not exceeded 5 liters. per 20kg of DFB . Excess mixing water may result surface crazing, cracking as well as lower strength and adhesion. Note: In all cases DFB must be added to water.

Placing:
Apply the mixed DFB to the prepared substrate by a Tyrolean box or a suitable spray gun. UFB can also be applied by trowel. Make sure DFB covers the complete surface area and a rough texture need to be achieved to provide a mechanical key for subsequent coats of plasters. Do not proceed with the application when rainfall is imminent unless in a sheltered or protected situation.

Precautions:
DFB should not be used when temperature is below 50C or in temperature greater than 550C and where rapid moisture can be lost. New concrete surfaces must be at least14 days old prior to application of DFB . To avoid too rapid drying, protect applied UFB from direct sunlight or drying winds during actual application, a n d while curing for up to 24 hours.

Pot Life:
Setting begins after 30-45 minutes (at 250C substrate and ambient temperature) and ends after 75-90 minutes. The working period depends very much on the product temperature and on the amount of mixing water added. Therefore, the times given above should be regarded as a guideline. The lower the temperature, the longer the setting time. The less water added, the shorter the setting time. The addition of water to the mortar after it has started to stiffen is not recommended and the product should be discarded.

Curing:
DFB is to be cured with water spray for a period of 2 days.

Yields:
The approximate yields are obtained if mixed in accordance with recommended procedures and accurately measured water content.20 kg of DFB with 4 to 6 liters. of water will yield approximately 25to 30 liters.

Storage:
DFB has a shelf life of approximately 24 months if kept in a dry environment completely away from moisture.

Technical Details:

Water requirement	4 to 6liters. per 20 kg
Thickness	3 mm to 10mm
Coverage	20kg cover 2.5 m^2 in 3mm thickness
Compressive strength	17 N/mm^2(EN 12190)
Color	Available White and Grey colors
Initial set	1 hour
Final set	24 hours



COARSE BOND

Product Description:
CONCRETE GROUT is a non-metallic, cementitious grout that provides hard, dense joints that resist shrinking, cracking and wear.

Where to Use:
DCB is used as concrete grout and repairing mortars. It can be used for structural grouting of column base plates, machine base plates, anchor rods, bearing plates, etc... multiple fluidity allows ease of placement: ram in place as a dry pack, trowel apply as a medium flow, pour or pump as high flow.

Advantages:
- Easy to use.
- Multiple fluidity with one material.
- Non-metallic, will not stain or rust.
- Low heat build-up.
- Interior and exterior applications.

Substrate and Surface Preparation:
move all dirt, oil, grease, and other bond-inhibiting materials by mechanical means. Anchor bolts to be grouted must be de-greased with suitable solvent. Concrete must be sound and roughened to promote mechanical adhesion. Prior to pouring, surface should be brought to a saturated surface-dry condition. Surface should be cleaned and prepared thoroughly by blast cleaning to a white metal finish.

Mixing:
As a cement containing blended powder CONCRETE GROUT must be thoroughly mixed with clean, portable water to a homogeneous slurry prior to application. As the cement cures, the slurry will get thicker with time until it is no longer usable.
Mechanical stirrers are recommended for mixing powder into water. The pot life is about 3 hours in ambient conditions. Addition of too much water will result in shrinkage and cracking.
Must be use 4-6 kg of aggregates per 20 kg bags.

Application:
CONCRETE GROUT can be applied for grouting floors and walls in areas subject to intense traffic, residential areas, balconies, terraces, etc. Do not use more quantities of water during mixing, it causes shrinkage and cracking.

Color and Packing:
CONCRETE GROUT is available in grey color.
CONCRETE GROUT is delivery in 20 kg. powder in paper bags.

Safety Precautions:
The product contains Portland cement. Avoid eye contact or prolonged contact with skin. Wash thoroughly after handling. If eye contact occurs, flush with water for 15 minutes and consult a physician. Use with adequate ventilation; do not breathe dust and wear a NIOSH approved respirator. If ingested, do not induce vomiting; call a physician immediately.

Storage:
CONCRETE GROUT can be stored 24 months in the original packaging in shade and dry places.

Warning:
The technical details and recommendations in this data sheet are to the best of our current knowledge and experience, and must in every case be taken as merely indicative and are to be confirmed beforehand by the consumer for the intended application. The user alone shall be fully responsible for the consequences of any misuse.

Technical Details:

Compressive Strength	80 N/mm2
Tensile Strength	75 N/mm2
Flexural Strength	70 N/mm2
Setting Time	3.5 - 5.5 Hrs.



CURA-COMP AD-22

AD-22

Multi-Purpose, Acrylic Resin Curing Compound

Product description:

AD-22 is a resinous based curing compound for cementitious substrates that is designed to be used as a curing agent that allows subsequent application of cementitious and acrylic renders. UFIX AD-22 is a clear liquid that is applied directly from the pail to the concrete substrate by spray equipment to achieve required results. It is recommended to remove the curing compound when applying cementitious renders.

Uses:

Retaining moisture in concrete after pouring.

Allowing concrete to cure efficiently as required by concreting practice.

General concrete curing application such as concrete slabs, retaining walls, runways, bridges, pavements...etc.

Where subsequent coating finishes are required without having to remove the curing compound.

As a penetrating primer on weak and porous cementitious surfaces prior to painting.

Advantages:

- Easy to use single component directly from the container.
- Minimizes cracking potential.
- Improved curing and cement hydration. Sprayable.
- High curing efficiency.
- Ready to receive further renders (refer to detailed methodstate mentor technical department).

Standards Compliance:

AD-22 complies with:

ASTMC309asTypel, Type 1-DandType2 Depending on color, class B.

Design Criteria:

AD-22 is a resin-based curing compound. when first applied to a fresh cementitious surface the product forms a continuous non-penetrating coating. This coating dries to form a continuous film which provides a barrier to moisture loss ensuring more efficient cement hydration, improved durability, and reduced shrinkage.

Usage Instructions Application:

Minimum application temperature: 5°C

AD-22 white should be stirred before use to ensure even dispersion of the pigment

AD-22 should be spray applied to the surface of fresh concrete. Application should begin immediately the concrete is free from surface water. Do not apply if bleed water is forming or present on the concrete surface.

The spray nozzle should be held approximately 450 mm and inclined at 35° to 45° from the concrete surface and passed back and forth to ensure complete coverage. The fugitive white color during application provides a guide to the area covered. Pump pressure should be maintained to give an even, fine spray.

After spraying, no further application of water or other material is necessary to ensure continued curing. The concrete surface should not be disturbed until it has



PLASTERING BOND

Product description:

PLASTETING BOND is a single component polymer-based bonding agent for cementitious materials. It is a water based specially formulated to enhance bonding properties as well as improve mechanical strength of plaster mixes when incorporated with mixing water.

Features/ Benefits:

Improves the flexural strength, bond strength and impact resistance of mortars.

Mortar fortified with UFIX PLASTERING BOND exhibit excellent resistance to cycles of freezing and thawing and to penetration of chloride ions.

Usage instruction:

- As Admixture

Add PLASTERING BOND to pre-blended sand/cement-based plaster, mortar, or other dry mixes. Mix for 3-4 min using a mechanical mixer at low speed.

Let the mixture stand for 10 min and mix again briefly to achieve a homogeneous lump-free mixture.

- As a Primer

Use neat PLASTERING BOND without dilution. Apply Plastering Bond using a brush or spray directly onto the substrate. If using a hand pump, spray at a rate of 4-6 m2/liter.

Health and safety:

PLASTERING BOND is essentially non-hazardous but it is recommended that gloves and eye protection should be worn. Accidental splashes of the material to the skin or eyes should be immediately washed off with clean water. In the event of prolonged irritation, seek medical advice.

In the case of ingestion, give water or milk to drink and treat symptomatically. Do not induce vomiting and seek medical advice.

A Material Safety Data Sheet for this product is available on request.

Clean Up:

Clean tools and equipment immediately with water.

Packing:

PLASTERING BOND available in 20-liter cans.

Storage & Shelf Life:

Storage should be in cool dry place protect from freeze and direct sunlight at +5° to 35°c.Shelf life of 12 months.

Technical Details:

Appearance	Milky white solution
Density at 25°C	1.03 kg/Ltr approx
Type	Modified vinyl acetate polymer
Solid content	3-4%
PH	7-9
Cement compatibility	Good
Water solubility	Excellent



SUPPER CRETE 30

Supper Crete 30:
Super Crete is a thermoplastic, urethane fortified clear coating/-sealer designed to beautify and protect masonry surfaces, Aqua Crete is easy to use and creates a "weather shield which stops moisture penetration, prevents spalling and protects masonry for years. This innovative sealer/coating can be applied using a lamb's wool roller or a Hudson type air sprayer.

Use:
For industrial use where durability and chemical resistance are required and for exterior application where non-yellowing and water resistance properties are essential. For use on interior and exterior concrete, brick, exposed aggregate and masonry walls and floors.

Features:
- Super Crete provides the following:
- Safe, easy and economical application
- Quick drying for fast recoating
- Resistant to most industrial cleaners and degreasers
- Protects against soil penetration and air pollutants on exterior surfaces.
- Has excellent abrasion and non-marking properties.

Surface Preparation:
The surfaces to be treated should be clean, smooth, sound properly prepared, and free of moisture, frost, ice, snow, dirt, debris, contaminants, or other conditions that may impair the application and performance of the UFIX Aqua Bond.
Use a suitable degreaser to remove wax, polish, grease, oil and similar contamination substance prior to the plaster application.

Packing:
Super Crete is available in 20 Liter containers.

Application:
Super Crete is excellent for use on parking decks and produces a satin gloss finish. This urethane fortified masonry sealer can also be applied over existing coatings. The existing surface must have good adhesion without visible signs of delamination. For a higher gloss appearance, 2 or 3 coats of Aqua Crete are recommended. The Aqua Crete should not be allowed to dry before application of the render or plaster.

Storage:
Super Crete can be stored 24 months in the original. packaging in a dry shaded place below 25°C.
Health and Safety
Use a dust mask and goggles when mixing the powder and gloves when using the adhesive. For further information, see the safety data sheet.

Mixing:
On permanent type coatings, it is recommended that the surface be abraded with a 800-100-mesh screen back disc. Put down a test patch if there is any question of adhesion. Extremely dense concrete may require etching prior to application. For best results, apply with a lamb's wool applicator or a low-pressure sprayer (recommended 40 psi) such as a Hudson, airless or power sprayer. Allow 30 minutes to one-hour dry time, depending on conditions, before applying a second coat. A third coat is recommended to ensure protection and higher gloss. The final coat should dry for 6-8 hours before subjecting to heavy traffic. In plaster or site concrete admixture use I volume of Super Crete with 4 volume water and mixed together to use finally as a water mixing and also can be used as concerted admixture without dilution but must be shake the pail before open and use.

Technical Details:

Density @25°C	1.01 Kg/Ltr approx
Cement compactability	Good
Carrier	Water
pH@25°C	7.0-8.0
Specific Gravity	Approx. 1.06g/ml



JOINT ROCK ALL PURPOSE

Application:

Apply by tools scrape and trowel into 3 layers perpendicular till cover the joint to be filled.

Product:

Joint Rock (all purpose) based high quality Polymer and other activities give more strength and easy workability to meet with paper joint tape for applying dry wall and finishing coats, also corner for covering fasteners, Bead and In, skim coating and for reaping cracks or dry wall and plaster.

Purpose:

Best in class embedding tap and excellent for skim coating superior filling and finishing.

Limitation:

Protect JOINT ROCK from freezing, extreme heat and exposure to direct sunlight

Must be follow the application of epoxy manufacturing rules.

Mixing:

Remix content before use of consistency coming heavy you can add lifted adequate quantity of water and use electrical mixer and be from river water dilution quantity it will give you bad workability.

Preparation:

Must be the substrate shall be free of dirt, oil or other foreign matter to ensure proper bond of UFIX Joint Rock.

Packing:

Joint Rock is delivery in 28 Kg as liquid paste.

Storage:

Joint rock can be stored 12 months in the original packaging in a normal indoor environment.

Health and Safety:

Use a dust mask and goggles when mixing the Joint Rock and gloves when using the adhesive. For further information, see the safety data sheet.

This product contains no VOC (Volatile Organic Compound).

Technical Data:

Type : Already mix joint compound for all purpose.

Use : Hand or mechanical 0.378 cover/lm.

Storage : Under proper storage conditions Dry place and shade.

Shelf Life : 12 months as per proper storage conditions.

Packing : 28kg/pail.

Warning:

The technical details and recommendations in this data sheet are to the best of our current knowledge and experience, and must in every case be taken as merely indicative and are to be confirmed beforehand by the consumer for the intended application.

The user alone shall be fully responsible for the consequences of any misuse.

Physical Details:

Specific Gravity	1.7 ASTM D1475
Colour	White
Thickness	2-1mm
Dry Density	2-1mm
About 1.4 Kg/Liter	5-4 minutes -20°C



SPLASH AND SCREED

Product Description:

SPLASH is a non-metallic, cementitious grout with high performance additives for multipurpose applications and does not contain additional bonding agent.

Where to Use:

SPLASH can be used on concrete, block walls and precast panels prior to plastering applications. SPLASH enhances the binding between substrate and coatings. Applicable for internal and external in dry & wet conditions.

Substrate and Preparation:

Remove all dirt, oil, grease, and other bond –inhibiting materials by mechanical means. Substrate must be sound and roughened to promote mechanical adhesion. Prior to pouring, surface should be brought to a saturated surface-dry condition. Surface should be cleaned and prepared thoroughly by blast cleaning to a white metal finish.

Mixing:

As a cement containing blended powder SPLASH must be thoroughly mixed with clean, potable water to a homogeneous slurry prior to application. As the cement cures, the slurry will get thicker with time until it is no longer usable.

Mechanical stirrers are recommended for mixing powder into water. The pot life is about 3 hours in ambient conditions. Addition of too much water will result in shrinkage and cracking.

Application:

SPLASH can be applied in a single coat application to achieved desired thickness of 3–5 mm. Apply mixed material using mechanical spray or hawk & trowel technique. Do not use more quantities of water during mixing, it causes shrinkage and cracking.

Color and Packing:

SPLASH is available in grey color.

SPLASH is delivered in 20 kg bag. powder in paper bags.

Storage:

SPLASH can be stored 24 months in the original packaging in shade and dry places.

Advantages:

- Easy to use, just add water.
- Multiple fluidity with one material
- Non-metallic, will not stain or rust.
- Weather resistant.
- Interior and exterior applications.

Technical Details:

Compressive strength	16 N/mm^2
Application Thickness	3 - 5 mm
Tensile Strength	0.5 N/mm^2
Setting Time	3.5 – 5.5 hrs.



READY PLASTER

Description:
PLASTER (BRP) is a cement- based blended powder that when mixed thoroughly with water, can be trowel applied in typical thickness of 10–15 mm depend on substrate leveling over masonry surfaces such as new and old bricks and concrete block work.

Where to Use:
PLASTER (BRP) is trowel applied for a one or two coat application on all suitable masonry surfaces such as bricks or blocks, etc. both inside and out, and is recommended to aid in the protection of masonry walls from the damaging effect of surface ingress of moisture. If the surface is in good order, only a skim coat is required. PLASTER (BRP) is applied either mechanically sprayed or troweled and rubbed up to a true and even surface with a float.

Features:
PLASTER (BRP) provides the following features:
- Trowels on easily and smoothly in thin layers.
- Is more water proof than conventional render.
- Easily prepared. Just add water and drill to your preferred consistency.
- Is ideal for renovation work or over new surfaces.
- Consistent quality.
- Resist High heat affection up to 30% Approximately.

Advantages:
Applied directly by adding water only without another additive to the substrate without using mesh.
Applied directly concrete surface also without mesh
Light weight density
Thermal insulation heat.
Save the putty layers
Applied exterior and interior with decorative layers.
You can avoid water curing by adding 5% Liquid ROOF/ PROTECTION.
You can use wastage after 2 -3 hours from application type.
You can apply putty directly after 48 hrs.

Substrate and Surface Preparation:
Before application of BSCOPLASTER (BRP), the masonry surfaces should be clean, dry, cured and free of any dust and debris. Pre-painted substrate must be wire brushed back to the bare substrate. Adequate expansion joints are required to minimize cracking on the surface of the render.

Mixing:
As a cement containing blended powder BSCOPLASTER (BRP) Must be thoroughly mixed with clean, potable water to a homogeneous slurry prior to application. As the cement cures, the slurry will get thicker with time until it is no longer usable. Mechanical stirrers are recommended for mixing powder into water. The pot life is about 3 hours in ambient conditions. Addition of too much water will result in shrinkage and cracking.

Application:
PLASTER (BRP) is a low build render that can be trowelled over masonry surfaces in single coat or two coat thicknesses up to 4mm with each application. Floating in a smooth, circular motion is recommended for a smooth, hole free continuous surface. BSCOPLASTER (BRP) is also suitable for spraying by pumpable render machines.

Color and Packing:
PLASTER (BRP) is available in white and different colors. UFIX PLASTER (BRP) is delivery in 40 Kg. powder in paper bags.

Storage:
PLASTER (BRP) can be stored 24 months in the original packaging in a normal indoor environment.

Health and Safety:
Use a dust mask and goggles when mixing the powder and gloves when using the adhesive. For further information see the safety data sheet. This product contains no VOC (Volatile Organic Compound.

Warning:
The technical details and recommendations in this data sheet are to the best of our current knowledge and experience, and must in every case be taken as merely indicative and are to be confirmed beforehand by the consumer for the intended application. The user alone shall be fully responsible for the consequences of any misuse.



THERMO COAT

Description and Classification:

PLASTER (TIP) is a cement- based blended powder that when mixed thoroughly with water, can be trowel applied in typical thickness of 2–4 mm over masonry surfaces such as new and old bricks and concrete block work.

Where to Use:

PLASTER (T I P) is trowel applied for a one or two coat application on all suitable masonry surfaces such as bricks or blocks, etc. both inside and out, and is recommended to aid in the protection of masonry walls from the damaging effect of surface ingress of moisture. If the surface is in good order, only a skim coat is required. UFIX PLASTER (T I P) is applied either mechanically sprayed or troweled and rubbed up to a true and even surface with a float.

Features:

PLASTER (T I P) provides the following features.
Trowels on easily and smoothly in thin layers.
It's more water proof than conventional render.
Easily prepared. Just add water and drill to your preferred consistency.
It's ideal for renovation work or over new surfaces.
Consistent quality.

Advantages:

Applied directly by adding water only without another additive to the substrate without using mesh.
Applied directly for concrete surface also without mesh.
Light weight density.
Thermal insulation heat.
Save the putty layers.
Applied exterior and interior with decorative layers.
You can avoid water curing by adding 5% Liquid ROOF.
You can use wastage after 2-3 hours on application type.
You can apply putty directly after 48 hrs.
Substrate Preparation: Before application of PLASTER (TIP), the masonry surfaces should be clean, dry, cured and free of any dust and debris. Pre-painted substrate must be wire brushed back to the bare substrate. Adequate expansion joints are required to minimize cracking on the surface of the render. mineral, moisture-regulating interior insulation.

Plaster Areas of Application:

as thermal insulation plaster for interior walls and ceilings as PCM plaster for living spaces, old buildings and renovation Characteristics:
regulates living climate and humidity
breathable, capillary-active.
non-flammable (A1) - heat-insulating prevents formation of condensation and mould natural, purely mineral (perlite based), without plastic additives.

Technical Data:

- Material: Lime/Perlite base
- Coverage: approx. 15 litres water and 50 litres thermal insulation plaster results in approx. 35 litres wet mortar with the following coverage: - approx. 1.8 m^2 surface with 20 mm plaster thickness - approx. 1.2 m^2 surface with 30 mm plaster thickness - approx. 1 m^2 surface with 35 mm plaster thickness
- Layer thickness: at least 20 mm (max. 30 mm per layer)
- Water absorption coefficient: > 3 $kg/m^2h0.5$
- Construction material class: A1
- Bulk density: approx. 300 kg/m^3 (dry)
- Pressure resistance: 1.6-3 N/mm^2
- Bending strength: 0.8 N/mm^2
- Modulus of elasticity: 2000 N/mm^2
- Thermal conductivity: =0.077 W/(mK) (calculated value)
- Water vapour diffusion resistance: μ = 6.

How to use:

Instructions for use: Completely remove any old, non-supportive plaster and remove loose plaster and mortar residues. Dust the substrate and liberally pre-wet it; repeat before applying further layers of plaster. To improve the load-bearing capacity of the substrate, apply for brickwork and aerated concrete, pre-spray the entire surface.

Color and Packing:

PLASTER (DRP) is available in white and different colors. Thermal insulation Plaster packed in 50 kg.

Storage:

PLASTER (BRP) can be stored 24 months in the original packaging in a normal indoor environment.



SKIM COAT

Description:
(USC) is a fine plastering material for ceiling surfaces, fair free and quick repair work to concrete surfaces. (USC) is a single component, polymer modified, cement bound, to be mixed with water. Low shrinkage and crack free hardening even when exposed to dynamic loads during application. (USC) can be used for plastering of AAC Blocks in interior and exterior areas.

Use:
- Resistance to frost and de-icing salt.
- For repairing all types of structures.
- Floor slabs and car park decks
- For interior and exterior use
- Water impermeable
- Elevated carbonation resistance.

Substrate and Surface Preparation:
Surfaces to which (USC) are applied, should be clean, sound, free of dust and loose particles. Cement laitance, oil, grease, mold release oil or curing compounds must be removed from concrete or masonry surfaces by using wire brush, bush hammer, scrabblier, grit blasting or other means. During application, the temperature of the substrate should not be below 50C.

Mixing:
Care should be taken to ensure that (USC) is thoroughly mixed. Small quantities (up to 10kg) can be mixed by hand using a suitable mixing drum or bucket. Greater quantities must be mixed with a mechanical forced mixer with a high shear stirrer.
Use potable water while mixing and add water into the mixing vessel and with a mixer in operation, add one full bag of (USC) and mix for 3 to 5 minutes until a fully uniform and homogeneous mix is achieved.
Dependent on the ambient temperature and the desired consistency the amount of water required may vary slightly but should not exceeded 10 liters. per 40kg of (USC). Excess mixing water may result surface crazing, cracking as well as lower strength and adhesion.
Note: In all cases MONTRA must be added to water.

Precautions:
(USC) should not be used when temperature is below 50C or in temperature greater than 550C and where rapid moisture can be lost. To avoid too rapid drying, protect applied (USC) from direct sunlight or drying winds during actual application, and while curing for up to 24 hours.

Curing:
(USC) is to be cured with water spray for a period of 2 days.

Field of Application:
(USC) is used for restoration of spalling and decayed concrete. The mixed Montra hardens rapidly without shrinkage or cracking. Make sure (USC) covers the complete surface area and a rough texture need to be achieved to provide a mechanical key for subsequent coats of plasters. Do not proceed with the application when rainfall is imminent unless in a sheltered or protected situation.

Pot Life:
Setting begins after 30-45 minutes (at 250C substrate and ambient temperature) and ends after 75-90 minutes. The working period depends very much on the product temperature and on the amount of mixing water added. Therefore, the times given above should be regarded as a guideline. The lower the temperature, the longer the setting time. The less water added, the shorter the setting time. The addition of water to the mortar after it has started to stiffen is not recommended and the product should be discarded.

Storage:
It can be stored 24 months.

Technical Details:

Water requirement	6 to 8 liters. per 40 kg
Thickness	1mm to 4mm
Coverage	40kg cover 7m² in 4mm thickness
Compressive strength	55 N/mm²
Bulk Density	2.0 Kg/dm³
Tensile strength	8.5 N/mm²



SPLASH AND SCREED

Product Description:

SPLASH is a non-metallic, cementitious grout with high performance additives for multipurpose applications and does not contain additional bonding agent.

Where to Use:

SPLASH can be used on concrete, block walls and precast panels prior to plastering applications. SPLASH enhances the binding between substrate and coatings. Applicable for internal and external in dry & wet conditions.

Substrate and Preparation:

Remove all dirt, oil, grease, and other bond –inhibiting materials by mechanical means. Substrate must be sound and roughened to promote mechanical adhesion. Prior to pouring, surface should be brought to a saturated surface-dry condition. Surface should be cleaned and prepared thoroughly by blast cleaning to a white metal finish.

Mixing:

As a cement containing blended powder SPLASH must be thoroughly mixed with clean, potable water to a homogeneous slurry prior to application. As the cement cures, the slurry will get thicker with time until it is no longer usable.

Mechanical stirrers are recommended for mixing powder into water. The pot life is about 3 hours in ambient conditions. Addition of too much water will result in shrinkage and cracking.

Application:

SPLASH can be applied in a single coat application to achieved desired thickness of 3–5 mm. Apply mixed material using mechanical spray or hawk & trowel technique. Do not use more quantities of water during mixing, it causes shrinkage and cracking.

Color and Packing:

SPLASH is available in grey color.

SPLASH is delivered in 20 kg bag. powder in paper bags.

Storage:

SPLASH can be stored 24 months in the original packaging in shade and dry places.

Advantages:

- Easy to use, just add water.
- Multiple fluidity with one material
- Non-metallic, will not stain or rust.
- Weather resistant.
- Interior and exterior applications.

Technical Details:

Compressive strength	16 N/mm^2
Application Thickness	3 - 5 mm
Tensile Strength	0.5 N/mm^2
Setting Time	3.5 – 5.5 hrs.



ROOFA MIX

Roofa P Mix (DRP) & Roofa L Mix(DRL):

anti-bacterial and anti-fungus and also thermal insulation and non-toxic.

Available in plastic can of 20 Kg ready for using which contain water proof polymer reacts with cement base powder.

Product:

(DRP & DRL) are a general-purpose membrane, excellent in multi-layer roofing systems. (DRP & DRL) offer approximately total impermeability to water, strong bond ability and seen integrity. It is easy to apply with a wide range of decorative finishes.

Where to use:

(DRP & DRL) Liquid can be used in concrete or aerated concrete roofs, bath rooms, walls, floors, around drainage systems and any concrete surface that needs water proofing. Any joints or cracks found between ceramics, roof floors and concrete surfaces must be treated with BOND and coated by combination between one volume of (DRP & DRL) Liquid and one volume of water applied by brush or roller.

Features:

(DRP) Liquid provides the following features:

100% water proofing.

Hardness and flexibility.

Faster drying time.

Easy application by brush, roller or spraying.

High build coating for porous rough tile surfaces.

Packing:

(DRP) is available in 23 Kg.

(DRL) is available in 20 Kg as liquid product.

Substrate and Surface Preparation:

Surfaces to receive roof liquid system to ensure that are clean, smooth, sound, properly prepared, and free of moisture, frost, ice, snow, dirt, debris, contaminants, or other conditions that may impair the application and performance of the roof liquid.

Remove all foreign debris by vacuum, sweeping, or power blower. Pressure washes the entire roof surface to remove any contaminants or particulates that would interfere with the proper adhesion of the roof liquid.

The Applicator shall exercise caution during pressure washing to avoid additional damage to the existing roof system. Allow area to dry completely before applying the roof liquid. Apply three course application of (DRP) Liquid.

Mixing:

Mix one volume of (DRP) liquid and one volume of water applied together using on electrical stirrer until homogeneous mixture. Apply the mixture up to four layers' perpendicular with regular intervals by brush or roller after treatments of any joints or cracks. Finally gives transparent coat.

Storage:

These can be stored 24 months in the original packaging in a normal indoor environment.

Standard compliance:

Water Absorption	1.3% wt
Tensile Strength	12Kg/cm^2
Tear Strength	35 N
Water Impermeability Hg/24hr	0.5g/m^2. mm
Elongation	200%

Technical Details Combined:

Water absorption	1.3% wt.
Tensile strength	12kg/cm^2
Tear strength	35 N
Water impermeability	0.5g/m^2.mm Hg/ 24hr
Elongation	200%



PROOFA COAT

Product description:

PROOF is a water based products based on a 100% pure acrylic formula with lasting flexibility and water proofing properties. It lets out water and moisture for optimized weather protection. UFIX Proof helps to resist water by 100% and resist High Temperature up to 40%..

Use:

Used for leveling and smoothing of all interior surfaces including concrete surfaces, pillars and interior plastered surfaces for walls and ceilings.

Advantages:

High temperature resistance and water proof.
Reflects maximum UV and Infrared rays.
High SRI value > 122.
Micro Fiber Reinforced waterproofing
Save electrical energy &THERMAL INSULLATION up to 40%.

Surface Preparation:

Make sure that the surface is clean, dry, and free from dust, oil, grease, salt and mold. Remove old paints completely from previously painted surfaces. The substrate should have sufficient strength and free from unsounded areas, pug holes, protrusions and pops.

Application Guide:

Open the bucket.
Add water 20% if you required and stir it thoroughly.
Clean the roof surface and remove the dirt completely.
Apply the first coat by brush or roller.
Wait for 6-8 hours.
Apply second coat.
After 12 hours, Roof is ready.

Packing:

Available in 20 and 4 Kg pails.

Caution:

Do not add extra water into the mix during application. Mix only that amount which can be used within the pot life.

Storage:

DProtect from frost and secure lid firmly to prevent paint from drying out.

Health and Safety:

PROOF components are non-flammable. Goggles and mask should be worn while handling. Contact with eye and skin should be avoided. In case of contact should be immediately washed with water before drying.

Warning:

The technical details and recommendations in this data sheet are to the best of our current knowledge and experience, and must in every case be taken as merely indicative and are to be confirmed beforehand by the consumer for the intended application. The user alone shall be fully responsible for the consequences of any misuse.

Technical Details:

Specific gravity	1.7 ASTM D1475
Color	White
Coverage	6-8 Square Meter /Liter
Dry Density	About 1.4 Kg/Liter
Drying Time	6-8 Hrs. for the first coat 12 Hours for the second coat



CEMENTED PUTTY

Description:

(Anti-bacterial and anti-fungus and also water.
Available in white color in a bag of 25kg. Adding water only into the bag without using other additives.
Preferable to mix small quantity between the range 5 to 10kg to avoid any putty damage met homogeneous mix and increase the efficiency of (DCP) workability.
It can be applied directly on the (DCP) or traditional plaster substrate with the thickness ranger between 1mm to 10mm.
Tools must be cleaned directly after use.
(DCP) is powder based, a unique mixture of super fine white cement blended with flexible powder polymer, bonding chemicals and high-performance additives.

Advantages:

- Factory controlled pre-blend ensures consistent high quality.
- Requires only addition of water on-site at the time of usage.
- Suitable for external and internal applications.
- Easy application with superior finishing achieved in minimum efforts.
- Strong adhesion on variety of substrates.
- Concrete and plastered walls & ceilings.
- Suitable for humid and dry conditions.

Substrate and Surface Preparation:

Surfaces to which (DCP) are applied, should be clean, sound, free from loose materials, grease, laitance, dirt curing compound etc. Prior to (DCP) application, wet the entire surfaces with clean potable water and allow to become damp at the time of application.

Mixing:

For mechanical mixing add to the mixing container 15 liters of water for each 25 Kg bag of (DCP). Add the powder to the water and mix with a mechanical plaster mixer or low speed electric drill fitted with a suitable paddle for 3–4 minutes, until a uniform, lump free consistency is achieved.
Leave the mixed material to stand for 10 minutes and briefly remix without addition of water. Mixed material must be used within 3 hours. Do not add water once the mixed filler mortar starts to stiffen or harden.

Application:

(DCP) is generally applied in single or double coats. Apply (DCP) to the substrate by pressing the putty firmly, work the mixed material to a smooth level using flat trowel. Apply second coat as necessary once the first coat has initially set.

Precautions:

Although (DCP) do not contain any toxic material, use rubber gloves while mixing. Precaution should be taken to avoid dust inhalation while handling PUTTY powder or during removal of application marks with fine emery paper wearing nose mask. Keep the product out of reach of children.

Storage:

(DCP) can be stored 24 months in the original packaging in a normal indoor environment

Technical Details:

Wet Density	1.5 Kg/Liter.
Flexural strength	5 N/mm^2 (ASTM C348)
Compressive Strength	8.9 N/mm^2 (ASTM C349)
Setting Time	7–9 Hrs.

Standard Compliance:

Type	Pre-mixed cementitious grey powder
Compressive Strength	14 MPa after 7 days. 18 MPa after 17 days.
Set Time	1 Hours.
Pot Life	2 Hours.
Compressive Strength	2.5 MPa after 28 days.
Wet Density	1.80 Kg/L.
Mixing Water	15 liters of cold clean water per 25kg bag.
Color	White, Grey
Bulk Density	~1.4 Kg/L



ECO PRIM

Product description:

is a water base, clear primer, based on acrylic emulsion resin, with a high penetration property in smooth surfaces which gives the ability to resist moisture and alkalinity.

Use:

is used for exterior and interior application on concrete, cement and brick surfaces. It is specially recommended to resist alkali and humidity.

Advantages:

- Convenient application.
- Very good alkaline resistance.
- Very good humidity resistance.
- Resistant to algae and fungus.
- Excellent penetration property.
- Quick dry.
- Excellent adhesion with surfaces and topcoats.

Substrate and Surface Preparation:

Before application make sure that the surface is clean, dry, free from dust, oil, grease, salt and mold. Remove old paints completely from previously painted surfaces. The substrate should have sufficient strength and free from unsounded areas, pug holes, protrusions and pops. Fill the holes and cracks with UFIX Liquid Putty prior to application of (UBC)r.

Application Guide:

The required surface temperatures during application, must not be less than 100C; the surface moisture should not exceed 8% and the relative humidity at work place should not exceed 70%.
Primer should be stirred carefully before use.
Do not apply on wet and moistened surfaces until completely dry.
Do not apply the next coat unless the previous one is fully dry. Minimum recoating interval time should be followed.
Adequate ventilation should be provided during application.

Application Methods:

Brush, roller, or spray. Adjust the consistency of the spray. Texture finishes depends on the method of application.

Drying Time:

Surface dry 30 minutes
Full dry 1 hour
Recoating interval 2 hours(Minimum).

Caution & Storage:

Do not add extra water into the mix during application. Mix only that amount which can be used within the pot life. (UBC) can be stored 12 months in the original packaging in a normal indoor environment.

Health and Safety:

Primer components are non-flammable. Goggles and mask should be worn while handling. Contact with eye and skin should be avoided. In case of contact should be immediately washed with water before drying.

Technical Details:

Specific gravity	0.9 ASTM D1475
Viscosity	45KU ASTM D562
Spreading Rate	5.8–10.1 m2/
Volume Solid	18%
Flash Point	Above 260C



NEOFILL

Product description:

Neofill is a high quality water borne putty, based on special acrylic polymer, designed to provide leveled surface.

Use:

Used for leveling and smoothing of all interior surfaces including concrete surfaces, pillars and interior plastered surfaces for walls and ceilings.

Advantages:

- Easily fill the air pockets on concrete surface.
- Gives good leveling for all interior surfaces.
- Helps to repair cracks and holes.
- Easy to apply and sanding.

Substrate and Surface Preparation:

Make sure that the surface is clean, dry, free from dust, oil, grease, salt and mold. Remove old paints completely from previously painted surfaces. The substrate should have sufficient strength and free from unsounded areas, pug holes, protrusions and pops.

Application Guide:

The required surface temperatures during application, must not be less than 10C; the surface moisture should not exceed 8% and the relative humidity at work place should not exceed 70%.
Neofill should be stirred carefully before use.
Do not apply on wet and moistened surfaces until completely dry.
Do not apply the next coat unless the previous one is fully dry. Minimum recoating interval time should be followed.
Adequate ventilation should be provided during application.

Application:

Neofill is ideal for filling small surface imperfections such as pinholes, sanding marks and shallow dents. It provides an ultra-smooth finish. Its tack free formula enables easy sanding without abrasive paper clogging. DuraFIX Liquid Putty minimizes the adhesion of contaminates to the base/clear coat. Less primer is required with Liquid Putty; it saves sanding time and reduce the need to refinish.

Drying Time:

Approximately 30–40 minutes at a room temperature of +200C.

Caution:

Do not add extra water into the mix during application. Mix only that amount which can be used within the pot life.

Storage:

Neofill can be stored 12 months in the original packaging in a normal indoor environment.

Health and Safety:

Neofill components are non-flammable. Goggles and mask should be worn while handling. Contact with eye and skin should be avoided. In case of contact should be immediately washed with water before drying.

Technical Details:

Specific gravity	1.7 ASTM D1475
Color	White
Thickness	1–2mm
Dry Density	About 1.4 Kg/Liter
Pot Life	4–5 minutes @+200C



ULTRA TOP COAT 777

Product description:
Ultra top coat777 is a high quality acrylic copolymer based emulsion paint with outstanding wash ability, hiding power and color retention properties. It has a good flow and gives a smooth, durable flat finish.

Use:
Ideal for decorating and protecting interior surfaces including concrete surfaces, cement plastered surfaces, stucco filler, gypsum boards, asbestos cement sheeting and rendered block work.

Advantages:
- Provides smooth durable and washable matt finish.
- Offers good antibacterial and color retention properties.
- Free from harmful chemicals like APEO, formaldehyde and heavy metals etc.
- Easy to apply.

Substrate and Surface Preparation:
Make sure that the surface is clean, dry, free from dust, oil, grease, salt and mold. Remove old paints completely from previously painted surfaces. The substrate should have sufficient strength and free from unsounded areas, pug holes, protrusions and pops.

Application Guide:
- The required surface temperatures during application, must not be less than 100C; the surface moisture should not exceed 8% and the relative humidity at work place should not exceed 70%.
- Top Coat 888 should be stirred carefully before use.
- Do not apply on wet and moistened surfaces until completely dry.
- Do not apply the next coat unless the previous one is fully dry.
- Minimum recoating interval time should be followed.
- Adequate ventilation should be provided during application.

Application:
Ultra top coat777 is ideal for decorating and protecting interior surfaces. It provides an ultra-smooth finish. Apply Top Coat up to two layers' perpendicular with regular intervals by brush or roller after treatments of any joints or cracks.

Drying Time:
Approximately 10 hours at a room temperature of +200C.

Caution:
Do not add extra water into the mix during application. Mix only that amount which can be used within the pot life.

Storage:
Ultra top coat777 can be stored 12 months in the original packaging in a normal indoor environment.

Health and Safety:
Top Coat 777 components are non-flammable. Goggles and mask should be worn while handling. Contact with eye and skin should be avoided. In case of contact should be immediately washed with water before drying.

Warning:
The technical details and recommendations in this data sheet are to the best of our current knowledge and experience, and must in every case be taken as merely indicative and are to be confirmed beforehand by the consumer for the intended application. The user alone shall be fully responsible for the consequences of any misuse.

Technical Details:

Specific gravity	1.57 ASTM D1475
Color	White
Dry film Thickness	35–60mm
Thinner	Water
Spreading Rate	Depends on film thickness applied



WHITE PROFILE

Description:

Anti-bacterial and anti-fungus and also water.

Ready to mix with water which written into the (UWP) bag without using another additive and mechanical mixing preferable to get homogeneous mix.

(DWP) available in white color only to avoid any sudden color variations after application which usually appear during alternative product application and color preferable to apply water base of solvent base paint as per the selection for type and color shade.

(DWP) directly apply above UFIX plaster or traditional plaster without using acrylic primer as usual when apply the alternative acrylic paste product with the thickness 2mm to 3mm as per required shape.

Apply directly the type of paint required without using acrylic primer while it is helping for quantity of paint saving while enjoy with the advantage.

(DWP) Render/Plastic is a general- purpose dry mixed polymer modified cement Render/Plaster for internal and external uses.

Mixing:

Care should be taken to ensure that (DWP) Render/Plaster is thoroughly mixed. Small quantities (up to 10 kg) can be mixed by hand using a suitable mixing drum or bucket. (DWP)eater quantities must be mixed with a mechanical forced mixer with a high shear stirrer. Use potable water while mixing and add water into the mixing vessel, and with a mixer in operation, add one full bag of (DWP) Render/Plaster and mix for 3 to 5 minutes until, a fully homogeneous and uniform mix is achieved.

Dependent on the ambient temperature and the desired consistency, the amount of water required may vary slightly but should not exceed 9-10 liters per 40 kg of (DWP) Render/Plaster.

Excess mixing water may result in surface crazing, cracking as well as lower strength and adhesion.

Finishing:

(DWP) Render finish coat is finished by striking of with a straight edge and closing with a steel float. Wooden or damp sponges, may be used to achieve the desired surface texture. The completed surface should not be overworked.

Application of Coatings:

(DWP) finish coat when cured, has good resistance to water. However, if areas are subject to exposure or continuous water immersion or chemical attack from solvents or acids, suitable coating should be applied.

Storage:

It can be stored 24 months.

Technical Details:

Compressive strength	63Kg / cm^2 according to DIN 1164
Air Entrainment	22.9% according to DIN 1855
Bulk Density	1.72Kg / Liter.
Workability	(Minimum) 14 cm according to DIN 1855



MASHASHCO

Description:

(DMA) with a cement base and a thick consistency consisting of high-quality polymers, fillers and improvers that help in ease of work and high adhesion strength, and it also contains fibers of treated dry straw fiber and the material is available in limited heritage colors and weights from 20 kg.

Advantages:

- Obtaining beautiful and attractive shapes that give the appearance of old mud houses.
- It is applied internally and externally, and is divided and shaped according to demand on cement surfaces, earthenware or clay bricks without the need for a water base.
- Drying and maxim time.
- Surface an hour and a half.
- 7 to 1 part 18555 Din.
- Annealing 48 hours.

perfect:

- 7 days, 14 days and 28 days.
- Previous results under
- Din 18555 part 1 to 7.
- And mixing mechanically using an electric drill and adding water only and the recommended dry straw fibers without any other additives.
- Storage and validity
- Two years from the date of production, provided that it is stored in a dry and shaded place, free from moisture and water.

Storage:

It can be stored 24 months.

Technical Details:

Compressive Strength	7 MPa after 7 days. 12 MPa after 28 days.
Set Time	3 Hours.
Pot Life	2 Hours.
Flexural Strength	1.2 MPa after 28 days.
Wet Density	1.7 Kg/L.
Mixing Water	~8 liters of cold clean water per 40kg bag.
Coverage	8 m^2/40kg bag at 0.5 mm thickness.
Bulk Density	~1.5 Kg/L



NANO PROTEC100

Product:
is a highly flexible roof protection based on acrylic emulsion. It has an excellent elasticity and water repellent properties.

Use:
can be used as a protective coat over concrete, ceramic, cement sand plaster surfaces, artificial cement stones and natural stones.

Features:
- provides the following features:
- High water repellent properties
- Good penetration properties.
- Excellent adhesion property
- Easy application by spray guns.
- Good blocking property.

Substrate and Surface Preparation:
Surfaces to receive roof protection to ensure they are clean, smooth, sound, properly prepared, and free of moisture, frost, ice, snow, dirt, debris, contaminants, or other conditions that may impair the application and performance of the roof protection. Allow area to dry completely before applying the roof protection.

Application:
is a high quality matt exterior acrylic emulsion coating for concrete/-masonry surfaces with exceptional durability, matt, flow and wet adhesion characteristics. This product has been designed to provide excellent water repellent and durability, and exceptional wet adhesion performance. Application done by spray gun during three-layer sequence without time separation between applied coat i.e., in wet case. Surface temperature required during application must not be less than 100C; the surface moisture should not exceed 8% and the relative humidity at work place not to exceed 70%.

Color and Packing:
before application appears milky white color but after application coming clear coat.

Rate of Coverage:
PROTECTION before application appears milky white color but after application coming clear coat.

Storage:
can be stored 12 months in the original packaging in a normal indoor environment.

Health and Safety:
Use a dust mask and goggles when mixing the powder and gloves when using the adhesive. For further information, see the safety data sheet.
This product contains no VOC (Volatile Organic Compound).

Warning:
The technical details and recommendations in this data sheet are to the best of our current knowledge and experience, and must in every case be taken as merely indicative and are to be confirmed beforehand by the consumer for the intended application. The user alone shall be fully responsible for the consequences of any misuse.

Technical Details:

Theoretical Spreading Rate	0.74m2/Ltr
Theoretical Spreading Rate	1.20 at 250C
Volume Solid	37% ASTMD2697
Viscosity	3.20 *1000 mPas at 400C



ALPINE STONTECH

Product description:
Texture Coating is a unique blend of flexible materials for restoring the textured finish on bumpers, dashes, fiberglass tops and other plastic parts prior to painting.

Use:
Plastic - Concrete - Cement - Metal - Wood - Surface

Advantages:
Duplicates original textures. Ready to spray.
Quick drying.
Topcoat with most refinish materials.
Insulting water, moisture, heat & ultraviolet rays & fast completion time.

Surface Preparation:
Make sure that the surface is clean, dry, and free from dust, oil, grease, salt and mold. Remove old paints completely from previously painted surfaces. The substrate should have sufficient strength and free from unsounded areas, pug holes, protrusions and pops.

Application Guide:
Textures ranging from a very fine, almost undetectable pattern to a heavy or wavy effect can be achieved simply by altering the distance from the surface sprayed or by changing the speed of application. When applied with a spray gun or with trowels, texture may also be altered by air pressure or fluid tip size. Apply adequate coats to achieve desired texture.
Allow proper flash times to avoid losing texture. Also when applying texture, never pull or release the trigger or valve over the surface being textured.
This can result in an inconsistent texture varying the look of your work. Once the texture is dry to touch, lightly sand area with a gray scuff pad or 400 grit sandpaper to achieve a uniform texture. Blow off dust and clean with Plastic & Leather Prep. Texture Coating is compatible under most top coats, but for best results, use Color Coat or Bumper Coater.

Packing:
Available in 20 and 25 Kg pails.

Caution:
Do not mix, thin or dilute the BSCO GERMANTECH product with water or other materials.
Do not allow the product to freeze. If frozen, the texture will be obviously different. Discard it.
Do not store at temperatures above 105oF (40°C) for extended periods of time.
Do not expose the product to rain, snow, dew or extreme humidity until a top coat is applied.

Storage:
Protect from frost and secure lid firmly to prevent paint from drying out.

Health and Safety:
Alpine stontech components are non-flammable. Goggles and mask should be worn while handling. Contact with eye and skin should be avoided. In case of contact should be immediately washed with water before drying.

Warning:
The technical details and recommendations in this data sheet are to the best of our current knowledge and experience, and must in every case be taken as merely indicative and are to be confirmed beforehand by the consumer for the intended application. The user alone shall be fully responsible for the consequences of any misuseconsequences of any misuse.

Technical Details:

Specific gravity	1.67 +/- 0.05
Color	Multi-color
Flow table	20 cm
Dry Density	About 1.6 Kg/Liter
Drying Time	6-8 Hrs. for the first coat 12 Hours for the second coat



SMART FORM

Product description:

Smart form is a high quality top single coat produced with high smooth texture appearance, based on acrylic emulsion. It gives strong, homogenous and attractive finish with long furrows lines to provide a beautiful decorative finish.

Use:

Smart form can be applied exterior and interior on concrete, cement and brick surfaces and also residential, commercial and industrial buildings.

Painting Method:

Apply one coat of " DuraFIX Smart form " by steel trowel.

Application Method:

The required temperature during application, must not be less than 5°C; the surface moisture should not exceed 8% and the relative humidity at work place should not exceed 70%.
Do not apply on wet and moistened surfaces until completely dry.
Paint should be stirred carefully before use.
A suitable quantity of "Tap water" can be added to get reasonable viscosity for application.
Do not apply the next coat unless the previous one is fully dry. Minimum recoating interval time should be followed.
Avoid application in windy, rainy weather and high temperatures, as well as under direct sunlight.
Make the required design by plastic trowel; clean the trowel during application with a water-saturated sponge.
Smooth the surface and make it uniform by plastic trowel to get the desired beautiful and uniform appearance (if required.

Notes:

Smart form should be applied by professional painter to get the desired design and spreading rate.
During application sufficient pressure should be by trowel for strong adhesion.
For any circular shapes of surfaces, more attention.
shall be given during application.

Packing:

Available in 25 and 30 Kg pails.
Shelf Life & Storage:
Shelf life: 12 months @25°C.

Storage:

The container should be kept in sealed, dry, cool, well-ventilated place and stored in accordance with national regulations.

Technical Details:

Specific gravity	1.57 ASTM D1475
Color	White
Dry film Thickness	35–60mm
Thinner	Water
Spreading Rate	Depends on film thickness applied



CONCLUSION

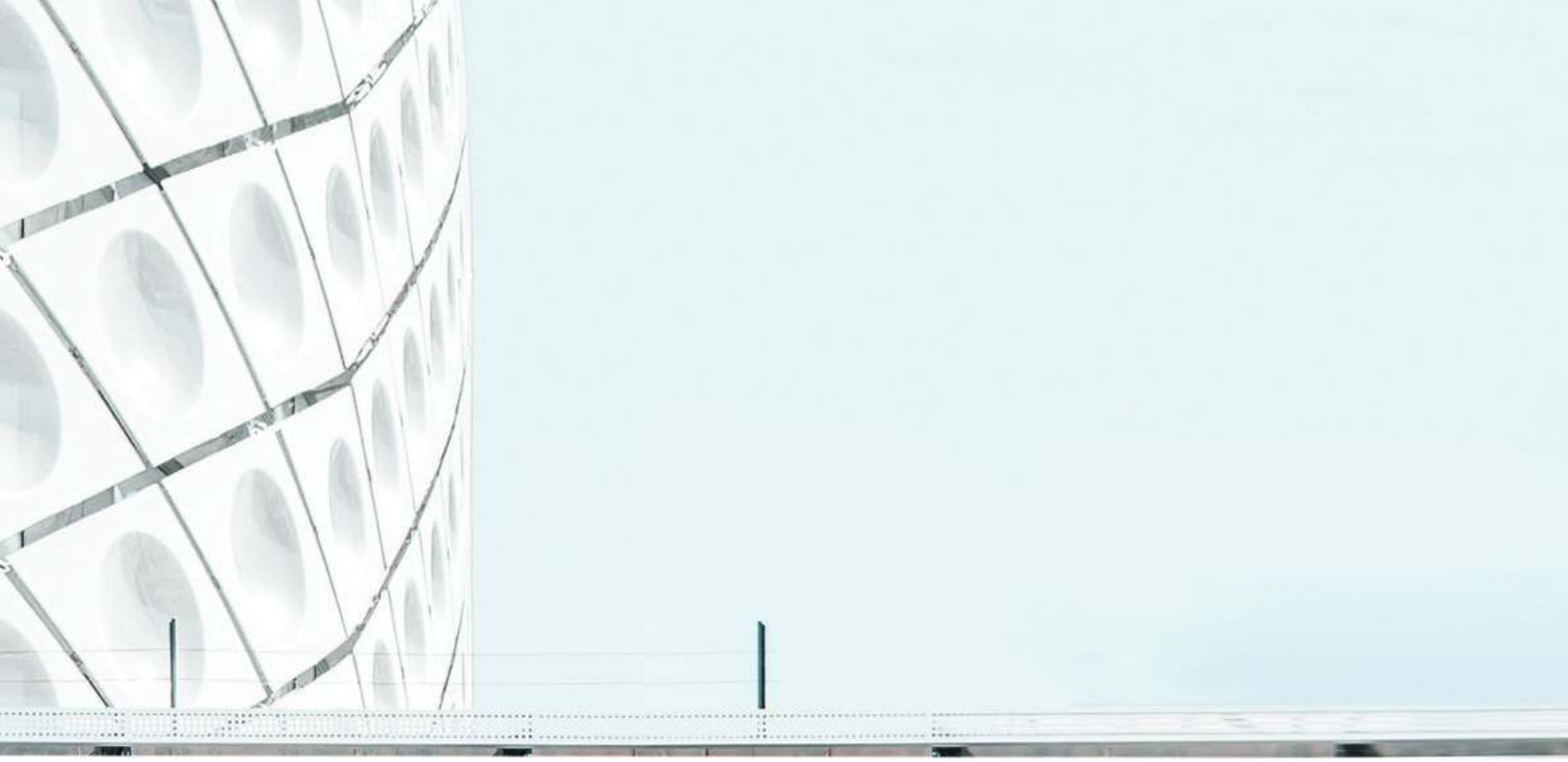
Building on our strong foundation and accumulated expertise, we continue to move forward with a clear vision centered on innovation, quality, and long-term sustainability. Our expansion into new product lines reflects our deep understanding of market needs and our commitment to providing advanced, reliable solutions that support modern construction practices and align with future industry trends.

Through this project, we aim not only to enhance our industrial capabilities but also to create added value for our partners, clients, and the communities we serve. By integrating diverse product offerings under one comprehensive system, we strive to deliver efficiency, consistency, and excellence at every stage of the construction process, while ensuring the flexibility needed to meet diverse project requirements.

We are equally committed to adopting the latest technologies, optimizing operational performance, and maintaining the highest standards of safety and environmental responsibility. This approach enables us to deliver products that are not only high in quality but also sustainable and future-ready, supporting the ongoing transformation of the construction sector across the region.

With a forward-thinking approach and a dedication to continuous improvement, we are confident in our ability to play a vital role in shaping the future of the construction industry across the Kingdom and beyond—establishing a benchmark for quality, integration, and innovation, and reinforcing our position as a trusted and pioneering industrial leader.






DURA
INTEGRATED®
شركة ديورا انتجريتيد



