



Product Data Sheet

MaxiCrete [Patch Fine]

Smooth Patching, Facing, Skimming, Filling, Pre-Mixed Compound

Description

Duramax MAXICRETE is a premium, pre-mixed, water based, low-shrink patching and skimming compound providing a smooth finish. MAXICRETE is suitable as a skim coat or patching compound.

Uses

MAXICRETE is ideal for rectification, facing-up and general preparation of substrates to be top coated with texture finishes or paint. It is suitable for interior and exterior applications. MAXICRETE is suitable for patching, filling cracks, holes, blowholes, surface imperfections and irregularities, skimming and general make-good of surfaces. MAXICRETE is also the topping coat used in our jointing system over the application of MAXIJoint.

Suitable Surfaces

Substrates should be sound, stable, clean, dry and free of dirt, dust, loose, flaking, friable matter and contaminants. Suitable surfaces include: Off-form concrete Cement render Brick surfaces Concrete Block FC Sheeting & Blue Board.

Specification

The information contained in this product data sheet is typical but does not constitute a full specification as conditions and specific requirements may vary from project to project. The instructions should be considered as a minimum requirement but the applicator or contractor must use their skill, knowledge and experience to carry out additional works as may be necessary to meet the requirements of the project. Specification for specific projects should be sought from the Company in writing.

Limitations

Do not apply in wet conditions or when rain is imminent or in temperatures outside the range of 10oC and 30oC. Product should not be subjected to hydrostatic pressure, continual or excessive rising damp, movement and vibration.

Benefits and Advantages

MAXICRETE is an excellent patching and skimming compound with the following properties:
It dries hard and resilient.
Single pack, pre-mixed but can have cement added to it.
Excellent adhesion to cement, concrete, masonry, FC Sheeting, Blue Board, brick and block work surfaces.
Easy to apply.
Easy to sand and finish.
Provides an even smooth surface, ideal for top coating.
Can be directly painted.

Precautions in Use

Pot life of the product is about 3 hours and less if cement is added to the mix. Protect applied coating against rain and water damage until hard set.

Priming and Surface Preparation

Good preparation is essential. Surfaces must be sound, stable, dry, clean and free of dust, loose, flaking, friable material and substances that may diminish adhesion.

Ensure that the surface is sound, stable, dry, free of dags, dust, dirt and other imperfections.
Stir product well and intermittently.

If adding cement - generally not required, but up to 10% by volume may be added and thoroughly mixed to a smooth consistency.

Application

Apply evenly to substrate with a steel trowel or broad knife up to 1mm thick per coat. When dry, smooth off with sand paper or finish as required.
Do not apply if rain or frost is imminent or possible before the product has fully cured.

Application Experience

We recommend that the product is applied by person with the appropriate skills and experience for the type of product. The acceptability of the surface is the responsibility of the applicator.

Coverage

The stated average coverage rate may vary depending upon type, condition, porosity, texture of the surface and application technique.

Approximately 1 kg per sq.m. at a thickness of 1mm or pro-rata. Average coverage per 15 Lt. pail - 25 - 30 sq.m. Coverage is variable dependent upon type, texture, porosity and application technique. JOINTING SYSTEM Based on an average width of joints: MAXIJOINT: 0.25kg per L.M. (96 lineal meters per 15 Litre pail) MAXICRETE: 0.10 kg per L.M. (150 lineal meters per 15 litre pail) Refer to test & technical section below.

Colours

Product is a standard neutral (untinted) colour.

Colour Batches

Whilst care is taken to accurately colour match, batch to batch variations may occur for reasons which may be beyond our control. We strongly advise that project requirements are ordered in a single batch lot to avoid colour matching from batch to batch. Minimum quantities and tinting charges may apply.

Contractor Responsibility

It is the responsibility of the contractor or applicator to ensure that the colour is within specification prior to its application. The Company shall not be liable for any colour variations after the product has been applied. Further, the applicator should use product for touch-ups from the same batches used to do the original coats.

Drying and Curing

Drying and curing of the product is affected by type, dryness and porosity of the surface, temperature, humidity, ventilation, climate conditions and application technique and therefore drying and curing can only be given as a guide.

At 20°C & 50% RH. Touch dry: 2 to 4 hours. Hard set: 12 to 24 hours. This is a guide only refer to information above.

Storage

Store in cool, dry area. Protect product from excessive heat, frost, moisture and container damage. Do not let product freeze. Available in 4 & 15 litre Pails.

Clean Up

Sensitive areas such as carpets and porous surfaces should be protected against spills and splashes. Clean before product sets. Clean up with water.

Tiling, Topping or Top Coating

Apply MAXIPRIME and then apply texture and paint.

Safety & Precautions

The use of gloves and goggles is recommended. Protect eyes as grit in product may scratch and irritate. FIRST AID If swallowed give glass of water to drink. and seek medical advice. If in eyes flush thoroughly with clean water, holding open the lid to ensure any trapped product maybe flushed away. If on skin, remove contaminated clothing and wash skin with soap and water. If inhaled, unlikely due to consistency of product, remove person to fresh air

For full safety data refer to the products Material Safety Data Sheet. Observe precautions as per label.

Tests and Technical Data

THE DURAMAX JOINTING SYSTEM: Although similar, the method of filling joints can vary slightly depending on the type of Duramax texture coating that is too be applied(over the joints) products including: SUPREME, MAXIFLEX, IMPRESS, MAXITEX, FINESSE, MAXITROWEL, PRESTIGE & HESSIAN TORO the following system should be used. This requires the joint to be finished with a coat of MAXICRETE as described below. RECESSED BUTT JOINTS. Trowel MAXIJOINT into the joint and embed the MAXIMESH tape into the wet coat by running the trowel or broad knife over the tape. Trowel additional MAXIJOINT over the tape effectively laminating it between layers of MAXIJOINT. Trowel flush with faces of the sheeting and allow to dry. Apply a skim coat of MAXICRETE over the joint to make joints flush with the sheeting faces. Ensure the joints are finished smooth to a feathered edge. MAXICRETE can be sanded to an even smoother finish if required. Allow to dry before applying the texture coating. OUTSIDE CORNERS. Securely fix suitable external plastic angle over corner. Apply 1 coat of MAXIJOINT so that all voids are properly filled and finish to feathered edge. Allow to dry. Inspect joint. Apply a coat of MAXICRETE over the joint ensuring is finished smooth to feathered edge. MAXICRETE can be sanded to an even smoother finish if required. It is recommended that

MAXICRETE be used to overcoat MAXIJoint in most situations but with certain textures may not be necessary. Please contact manufacturer for further information.