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a.b.e.® Construction Chemicals

dura.®cote decorative waterproofing

DO-IT-YOURSELF

CEMENTITIOUS COATING FOR BRICK, PLASTER, MORTAR, SCREEDS AND CONCRETE



Powdered waterproofing top coat



Positive side of wet areas



Plastered walls, bricks, blocks

DESCRIPTION

dura.cote decorative waterproofing is a polymer modified cementitious based aesthetically decorative or waterproofing coating for walls and floors in both domestic or commercial applications. The product mixes easily with water to provide a smooth paste consistency applied by brush or trowel for smooth or textured finishes all in one application.

Offered in a wide range of colours.

USES

dura.cote decorative waterproofing is ideal for waterproofing the positive surfaces of wet areas typically bathrooms, showers and kitchens. The product may also be applied in areas omitting plaster, paint and tiling work to obtain rustic finishes.

Typical surface applications are:

- Waterproofing positive side of wet areas
- Cement screeds
- Dry wall partitioning
- Plastered walls
- Brick and blocks
- Mortar
- Concrete

ADVANTAGES

- Excellent waterproofing properties
- Broad range of colours
- Good bond and strength properties
- Excellent profiling properties
- Chloride free
- Rustic finishes when omitting plastering or painting
- Economical
- Smooth or textured finishes achieved
- Easy to apply only requires the addition of clean water

COLOURS



BRUSH APPLIED – WATERPROOFING FINISHES

SURFACE PREPARATION

Masonry surfaces:

The surface is to be sound, thoroughly cleaned by means of a wire or stiff bristle brush ensuring that it is free of all loose and friable material, paint and foreign matter. The surface must also be free of any algae or efflorescence.

The surface must be pre-dampened prior to application but have no free water present.

Static cracks need to be scraped clean ensuring that all dust and loose particles are removed and filled with **dura.®crack filler**.

Painted surfaces:

The surface needs to be sound and completely dry and no negative moisture pressure. Any loose or peeling paint needs to be removed. All smooth gloss paints need to be thoroughly sanded using at least an eighty-grit sand paper.

DRY WALLING:

All surfaces need to be sound and free of dust and foreign matter.

Ensure that all joints are covered with a suitable jointing tape. The surface needs to be primed with a suitable oil based primer that must be allowed to dry.

MIXING

Add 1.6 litres potable water to a clean mixing vessel and whilst stirring using a flat paddle or a suitable mortar mixer slowly sift 5 kg **dura.®cote decorative waterproofing** into the water, continue mixing until a smooth lump free consistency is obtained. Add the balance of water, 0.40 litres and mix thoroughly for at least 3 minutes until a homogenous smooth consistency is obtained. Continue mixing during application to prevent any product settlement.

MIXING RATIO:

5 kg **dura.®cote decorative waterproofing** to 2 litres of water.

APPLICATION

First coat:

To the pre-dampened surface liberally apply the **dura.®cote decorative waterproofing** using a suitable brush ensuring that all fine cracks, pinholes and depressions are covered. The brush type will dictate the type of texture-finish required.

The surface needs to be cured with a fine mist spray of water as soon as the surface will not be marred and this must be maintained for at least 6 to 8 hours to prevent crazing or cracking. In hot climates or in direct sunlight and high winds the surface needs to be protected to prevent rapid drying of the product.

Second coat:

Should a second coat be required, pre-dampen the surface after the first coat has dried for approximately 6 to 8 hours and repeat the first coat process.

APPROXIMATE COVERAGE RATES PER COAT

Surface Type	25 kg - m ²	5 kg - m ²
Untreated brick or blocks	20	4
Untreated walling/plaster	30	6
Painted surfaces	35	7

Sealer Coat:

For decorative purposes sealer coats available are:

abe.®seal finisol or **abe.®cote tough PU paint**.

BRUSH APPLIED – DECORATIVE FINISHES

dura.®cote decorative waterproofing is applied in the same way as the waterproofing application, however for aesthetic finishes particular attention must be given to the surface preparation.

Adjoining surfaces where one side is painted the corresponding side also needs to be painted in the same colour and allowed to dry to avoid colour variations prior to applying the **dura.®cote decorative waterproofing**.

Dry wall portioning joints require jointing tape and the entire surface to be painted with a suitable oil based primer.

Application of the **dura.®cote decorative waterproofing** must be applied only when all renovations have been completed to prevent surface contamination or defects, cementitious type coatings cannot be touched up without visible effects.

The entire wall from edge to edge must be completed in one application and all detail work around windows and cornices etc. must be carried out as they are approached and not prior to the main application. A wet edge must always be maintained do not allow edges to dry out as this will leave visible marks at the intersections. Applicators are to apply the product from top down and bottom up or from left to right simultaneously.

In two coat applications the same colour is to be used note that the second application colour may appear in a lighter shade.

In areas like bathrooms, showers and kitchens the dry coating should be sealed with an appropriate clear sealer to prevent staining.

OVERCOATING OF AN EXISTING dura.®cote decorative waterproofing APPLICATION WITH A DIFFERENT COLOUR

SURFACE PREPARATION

Ensure that the existing coating has properly cured for at least 24 hours and is dry. Remove all dust dirt and all foreign contamination.

MIXING

Add 5 litres of potable water to the mixing vessel followed by 50 ml of **dura.®latex** and stir thoroughly.

Whilst stirring slowly add 5 kg of the required colour of **dura.®cote decorative waterproofing** and mix for at least 3 minutes until a homogenous, smooth, lump free consistency is obtained. Apply the coating immediately after mixing and continue mixing the product during the application to avoid settlement.

APPLICATION

Do not pre-wet the existing surface to be coated.

Apply the **dura.®cote decorative waterproofing** mixture blended with **dura.®latex** to the dry, clean surface using a suitable brush, should a second coat be required employ the same process as above.

In areas like bathrooms, showers and kitchens the dry coating should be sealed with an appropriate clear sealer to prevent staining.

TROWEL OR SKIM COAT APPLICATIONS FOR WALLS FLOORS AND CLAY TILES

Tiles that have wide or deep grouting may require two applications where the second application is at least one week later.

For masonry surfaces see method under 'Textured Brush Applications' above.

MIXING

Add 5.5 litres of potable water to the mixing vessel.

To reduce crazing and cracking substitute 1 litre of mixing water with 1 litre of **dura.®latex** and stir thoroughly.

Whilst stirring slowly add 25 kg of the required colour of **dura.®cote decorative waterproofing** and mix for at least 3 minutes until a homogenous, smooth, lump free consistency is obtained. Apply immediately after mixing and continue mixing the product during the application to avoid settlement.

APPLICATION

Prime porous masonry surfaces with clean water to provide a damp surface without free water present.

For dense and smooth surfaces dilute **dura.®latex** with potable water in equal parts by volume, this is mixed with the **dura.®cote decorative waterproofing** to form a viscous but easily brushed slurry consistency. The slurry is then brushed vigorously into the surface.

NB. While the priming slurry is still tacky apply the **dura.®cote decorative waterproofing** evenly over the surface using a wooden or steel float to a thickness between 3 and 5 mm. The full application must be completed without interruption to avoid noticeable overlaps, always maintain a wet edge during application.

Please note should the priming slurry dry before applying the **dura.®cote decorative waterproofing** the adhesion will be lost, in this case remove the priming slurry and re-start the process. If the batch has stiffened up due to time, discard the batch and mix a fresh batch, never re-temper the batch by adding additional water to remedy the workability. Only mix sufficient product that can be applied by the team allocated.

Once the **dura.®cote decorative waterproofing** has dried sufficiently level off with a dampened wood float, for a smooth tight finish use a damp steel float. Over-troweling with a steel float may cause burnishing and result in colour variance.

All existing joints are to be honoured and for large expansion joints may be inserted to minimize cracking, generally 3 m x 4 m panel sizes are recommended.

CURING

Once the **dura.®cote decorative waterproofing** has dried sufficiently apply a fine mist spray to wet the surface for at least 24 hours to minimize crazing or surface dusting. Where windy and hotter climates are experienced curing becomes more critical.

Allow the application to dry before applying an appropriate clear sealer.

In colder conditions the product will cure slower and do not apply the product unless the surface and ambient temperature is greater than 5 oC or when rain is imminent.

COVERAGE

25 kg: 5 m² at approximately 5 mm thick

5 kg: 1 m² at approximately 5 mm thick

TYPICAL PROPERTIES

Form	Free flowing powder
Colours	White, Charcoal, Sand, Tan, Limestone & Oat

PROTECTION ON COMPLETION

The **dura.®cote decorative waterproofing** must be completely dry before applying polyurethane or epoxy sealers. See the respective data sheets for further information.

Do not drag heavy or sharp objects across the surface.

Bathroom, shower and kitchen walls and floors to be sealed with an appropriate sealer to prevent stains and scuffing.

TEMPERATURE AND RELATIVE HUMIDITY

Do not apply **dura.®cote decorative waterproofing** if the temperature is below 5°C.

PRECAUTIONS

dura.®cote decorative waterproofing must be kept out of reach of children, it may also be an irritant to eyes and skin.

MODEL SPECIFICATION

A chloride free, powdered cementitious coating or screeding to masonry surfaces including clay tiles.

The product will be **dura.®cote decorative waterproofing** will

be a chloride free, cementitious waterproofing coating or screed applied in accordance with the recommendations of **a.b.e.® Construction Chemicals**.

PACKAGING

dura.®cote decorative waterproofing is currently supplied in 5 kg packs:

Colours	Product Code	Bar Code
White	22606-005	60020650 13272
Tan	22603-005	60020650 13265
Sand	22604-005	60020650 13258
Charcoal	22605-005	60020650 13241
Oat	22601-005	60020650 13234
Limestone	22602-005	60020650 13227

CLEANING

Use water for cleaning before setting, hardened material will have to be mechanically removed.

HANDLING AND STORAGE

dura.®cote decorative waterproofing has a shelf life of 12 months if kept in a dry, cool store in the original, unopened packs. If stored at high temperatures and/or high humidity conditions, the shelf life may be reduced.

HEALTH AND SAFETY

Avoid inhalation of dust and contact with skin and eyes.

Suitable protective clothing, gloves, eye protection and respiratory protective equipment should be worn. The use of barrier creams provides additional skin protection. If contact with skin occurs, wash with water and soap. Splashes into eyes should be washed immediately with plenty of clean water and medical advice sought. See MSDS for additional information.

IMPORTANT NOTE

This data sheet is issued as a guide to the use of the product(s) concerned. Whilst **a.b.e.® Construction Chemicals** endeavours to ensure that any advice, recommendation, specification or information is accurate and correct, the company cannot – because **a.b.e.®** has no direct or continuous control over where and how **a.b.e.®** products are applied – accept any liability either directly or indirectly arising from the use of **a.b.e.®** products, whether or not in accordance with any advice, specification, recommendation, or information given by the company.

FURTHER INFORMATION

Where other products are to be used in conjunction with this material, the relevant technical data sheets should be consulted to determine total requirements.

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