



duro paint™ MATTE

Long life, high build, mineral coating with a smooth matt finish

Product Overview:

Specifically developed for use in applications requiring a long-lasting, decorative coating with a smooth matt finish, duro paint™ MATTE combines outstanding durability, long-term performance and flexibility, in an attractive, low-slip, low-skid, wear-resistant finish. It is the smooth version of Ability's famous and patented subtly stipple-textured duro paint™ STIPPLE product.

Supplied in ready-to-mix with water powder form, duro paint™ MATTE is a water-based, two-pack, polymer-modified, inorganic paint, that is UV-resistant, weather-resistant and watertight, and resists attack by highly damaging salt solution ingress. At the same time, duro paint™ MATTE helps to improve both thermal and acoustic insulation properties, while also acting as an effective fire retardant.

Easy and safe to use, duro paint™ MATTE is free of VOC's (Volatile Organic Compounds) and does not emit harmful 'greenhouse' gasses. It is available in a range of 'standard' colours, or as a 'custom project colour-matched' product.

Use With:

duro paint™ MATTE is suitable for use on both vertical and horizontal surfaces including walls, floors, decks, steps, ramps and pavements.

duro paint™ MATTE is also ideal for use in areas or on items that will be permanently submerged in fresh or

salt-water, including pools, ponds, water features, piers, moorings and marinas.

duro paint™ MATTE can be applied to almost any type of stable, firm, sound and clean surface, including:

- Concrete (including recently placed, high alkaline, high pH concrete)
- Mortar (including rendered & plastered wall surfaces)
- Fibre cement panels and planking
- Asphalt and bitumen emulsion sprayed pavement surfaces
- Masonry
- Wood
- Iron, steel and a range of other suitably prepared metal surfaces

Benefits:

Developed with a focus on durability and long-term performance, duro paint™ MATTE delivers a range of benefits, including:

- 100% solids formulation can provide an extremely high protective Dry Film Thickness (DFT)
- Watertight formulation provides protection against water permeation and corrosive sulphate and chloride salt solution ingress
- Allows a structure in air to 'breathe' as it transmits water vapour
- Combines exceptionally high UV, oxidation, weathering and chemical resistance, with excellent abrasion and wear resistance
- Highly protective coating that considerably helps both iron and steel to resist rusting

- Combines hardness, flexibility and excellent adhesion with very low shrinkage, thereby reducing the risk of the applied product cracking, lifting or flaking
- Easy-to-use and apply with normal paint application equipment
- Can be used with a variety of application methods to provide various architectural and/or decorative effects
- Can be colour matched to almost any colour to suit specific project requirements and to rectify off-colour precast concrete panels
- Extremely durable - Guaranteed for 20 years against flaking, lifting and peeling when applied as recommended to a vertical surface.

Usage and Application:

Supplied as ready-to-use, 100% solids powder, duro paint™ MATTE should be thoroughly mixed (using a power mixer) into the specified quantity of clean, potable water (drinking water) just prior to application.

duro paint™ MATTE should be applied liberally and uniformly to the prepared surface, which should be clean, sound and lightly but uniformly dampened prior to application. duro paint™ MATTE can be applied using most standard painting/application methods including brush, roller, sponge and/or spray (using suitable equipment).

Once mixed using the recommended rates and mixing procedure, duro paint™ MATTE has a useable 'pot' life of approximately 5 hours at 23°C.

At the same temperature, the applied product becomes 'touch-dry' in around 30-45 minutes.

After the application of two coats, the painted surface should be gently hosed intermittently with clean tap water to assist with curing and hardening.

For maximum protection, it is recommended that this water spray curing technique be carried out several times intermittently over the following 2-3 days.

Dosage Rates:

Recommended mixing proportions for duro paint™ MATTE are 2 parts duro paint™ MATTE powder to 1 part clean potable (drinking) water by volume.

Compatibility:

duro paint™ MATTE is suitable for use on most clean, prepared and stable vertical and horizontal substrates. For surfaces that have been previously coated and/or treated with other products, please contact Ability Building Chemicals Co for further information.

Packaging:

duro paint™ MATTE is supplied in 12kg pails.

Coverage:

On average, the coverage rate for a 12kg pail of duro paint™ MATTE is 50m² x 2 coats.

Storage:

For maximum shelf-life, duro paint™ MATTE should be stored in its original container, out of direct sunlight, in appropriate, dry conditions. When kept dry and stored under low-humidity conditions in its original unopened container, duro paint™ MATTE has a storage shelf life in excess of 12 months.

Precautions:

duro paint™ MATTE is a non-hazardous, non-flammable, non-explosive substance and is classed as a non-dangerous good, however, it is recommended that the following Personal Protective Equipment (PPE) and precautions are followed when handling and using the product:

- Wear full overalls, gloves safety goggles and a dust mask during mixing
- Avoid skin and eye contact
- Always wash hands before eating, drinking, smoking or using the toilet.

For further Health and Safety information, please refer to duro paint™ MATTE Material Safety Data Sheet (MSDS) which is available from Ability Building Chemical Co.