



duro paint™ LOW SHEEN

A Clean Air, VOC-Free, Coloured, Vitreous Enamel-Like Paint with an attractive, ultra-smooth, low sheen finish

PRODUCT OVERVIEW:

Long-life **duro paint™ LOW SHEEN's** patented VOC-free formulation combines outstanding exterior durability, long-term performance and flexibility, with an attractive, low-slip, low skid, wear resistant finish.

Supplied in a range of colours as a ready-to-mix with water, **duro paint™ LOW SHEEN** is a dry mix water-based, two-pack but one step preparation, polymer-modified, inorganic paint finish which is easily applied like normal paints, which is also UV-resistant, weather-resistant, watertight, highly wear resistant, and resist attack by highly damaging salt solution ingress.

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

USE ON:

duro paint™ LOW SHEEN high performance paint is applied just like normal paint and is suitable for use on both exterior/interior vertical and horizontal surfaces including walls, floors, decks, suspended slabs, steps, ramps and pavements.

It can be applied to almost any type of stable, firm, sound and clean surface such as:

- Concrete (including recently placed set and partially hardened, highly alkaline, high pH concrete)
- Mortar finishes (including rendered/plastered and patched wall surfaces and floor/wall fairing and levelling mortars)
- Fibre cement panels and planking
- Asphalt and bitumen emulsion sprayed pavement surfaces
- Previously painted surfaces in sound, firm condition that have been suitably abraded with say wet and dry abrasive paper to assist adhesion

- Masonry
- New wood, that has been primed with a good quality wood primer
- Properly prepared, de-rusted, newly installed iron, steel that has been suitably primed with a good quality anti-corrosive primer for ferrous metals and a range of other suitably prepared metal surfaces.

BENEFITS:

Developed with a focus on durability, environmentally sustainable development (ESD) principles and long-term performance **duro paint™ LOW SHEEN** delivers a range of benefits, including:

- Patent No: PCT/AU01/00377
- 100% solids formulation for maximum film build at the recommended coverage rate to deliver outstanding performance and value
- Watertight formulation with high chemical resistance. 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 abrasive, wear, slip and skid resistance
- A highly protective civil engineering coating that substantially helps both iron and steel to resist rusting
- Combines film hardness, flexibility and excellent adhesion with very low shrinkage, thereby reducing the risk of the applied product cracking, lifting or flaking
- Unequivocally assists in preventing mould and mildew development
- High resistance to vehicles skidding and persons slipping

PRODUCT DATA

- ✱ Easy-to-use and apply with normal paint application equipment
- ✱ Free of chemical solvents and their odours
- ✱ Can be colour matched to almost any (non-transparent) opaque colour to suit specific project requirements and to rectify off-colour precast concrete panels
- ✱ Extremely durable
- ✱ High fire retardancy.

USAGE AND APPLICATION:

Supplied in ready-to-use, 100% solids powder form, **duro paint™ LOW SHEEN** should be thoroughly mixed (using a power mixer) into the specified quantity of clean potable (drinking) water which is the reactant, about 30 minutes prior to application.

duro paint™ LOW SHEEN should be applied fairly liberally and uniformly to the prepared surface, which should be prepared to be clean, sound, firm and smooth. Porous, semi-porous and/or absorbent surfaces should be lightly but uniformly dampened prior to application. **duro paint™ LOW SHEEN** can be applied using most standard painting/application methods including brush, roller, sponge and/or using suitable spraying equipment.

Once mixed using the recommended proportions and mixing procedure, **duro paint™ LOW SHEEN** has a useable 'pot' life of approximately 5 hours at 23°C and 50% relative humidity. Each applied coat or layer becomes 'touch-dry' in approximately 90-120 minutes at that same temperature and humidity.

The product's early water resistance may be increased by using warm water (23°C-30°C) for mixing and/or by intermittent water spray curing 2-4 hours after the final coat becomes 'touch' dry. In this way, for maximum performance, the finished painted surface should be gently hosed intermittently with clean tap water to assist with its curing and hardening. It is recommended that this water spray curing technique be carried out several times (preferably 6 times) intermittently over the 1-2 days following the application of the final coat, ie 6 x 10 minute hosings over 1-2 days.

DOSAGE RATES:

Recommended mixing proportions for **duro paint™ LOW SHEEN** are 2 parts by volume **duro paint™ LOW SHEEN** powder thoroughly power-mixed into 1 part clean potable water by volume.

COMPATIBILITY:

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

PACKAGING:

duro paint™ LOW SHEEN is supplied as a white or coloured dry-mix powder in 10kg pails.

COVERAGE:

Recommended coverage rate for the application of prepared liquid **duro paint™ LOW SHEEN** is 5-6m²/litre, with a minimum of two coats or layers recommended to be applied.

STORAGE:

For maximum shelf-life, **duro paint™ LOW SHEEN** should be stored in its original container, out of direct sunlight, in appropriate, dry, low humidity, 23°C average temperature conditions. When kept dry and stored under low humidity and not excessively high temperature conditions in its original unopened container, **duro paint™ LOW SHEEN** has a storage shelf life in excess of 24 months.

PRECAUTIONS:

duro paint™ LOW SHEEN 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 and safety goggles during mixing and use
- ✱ 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™ LOW SHEEN** Material Safety Data Sheet (MSDS) which is available from Ability Building Chemicals Co.

Further printed information please call Ability on 61 3 9457 6488 or send an email to: service@abilityproducts.com.au to request further printed information or for a free sample of **duro paint™ LOW SHEEN** in a preferred colour. You can also go to our website: www.abilityproducts.com.au.



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