



# duro paint™ STIPPLE

**Long life, high build, mineral coating  
with a matte textured finish**

## PRODUCT OVERVIEW:

Supplied as a ready-to-mix-into-water powder, patented\* **duro paint™ STIPPLE** becomes one of the longest lasting paints ever invented. It's a clean air, polymer-modified, water-based, inorganic, mineral surface coating that delivers an exceptionally durable, UV resistant, matte, coloured finish with a slight, subtle, stippled texture. However, it is not available as a clear finish.

\* Patent No: PCT AU2005/000466

Applied with the same implements as normal paints, **duro paint™ STIPPLE** is available in a choice of 'standard' colours, or for a project made available as a custom colour-matched product in virtually any colour.

**duro paint™ STIPPLE** utilises internationally patented 'E-SPHERES®' technology. These are strong, lightweight, hollow ceramic micro and macro-spheres that assist in delivering outstanding wear resistant and low slip/skid hazard performance, whilst improving both thermal and sound deadening, acoustic insulation properties.

**duro paint™ STIPPLE** has different finish effects with a focus on environmentally sustainable development (ESD), DPS is easy and safe to use, has no unpleasant odour, contains no VOC's (Volatile Organic Compounds), and does not emit climate-warming 'greenhouse' gasses.

## USE WITH:

Suitable for use on both vertical, sloping, and horizontal surfaces, **duro paint™ STIPPLE** provides a protective and decorative, watertight, wear and chemicals resistant coating for floors, roofs, decks, steps, stairs, ramps, pavements and walls, as well as for painting structures and items that will be permanently submerged in water, chlorinated water, or sea water.

Often used instead of 'through' coloured concrete onto plain grey unpigmented concrete, **duro**

**paint™ STIPPLE** can be applied, except for wood and metals, *without* a primer, to almost any type of stable, firm, sound, and clean surface, including:

- ✱ Concrete (including recently set, highly alkaline, high pH concrete)
- ✱ Mortar (including existing wall rendering/plastering, and floor/wall levelling and fairing mortars, as well as patching mortars)
- ✱ Asphalt and bitumen emulsion sprayed pavement surfaces
- ✱ Fibre cement panels and planking
- ✱ Masonry – brickwork, blockwork and stonework
- ✱ Wood – primed first with a quality wood primer
- ✱ Iron, steel – primed first with an 'all metal' primer – aluminium *without* a primer and a range of other suitably prepared metal surfaces
- ✱ Previously painted surfaces that have been suitably abraded and roughened

## BENEFITS:

Developed with a focus on durability and performance, 'the Paint delivers a range of benefits, including:

- ✱ A 100% solids formulation not containing an evaporating solvent to 'dry' the paint (it's a two pack, reactive, but 'one step' preparation paint where the water is the reactant), which provides an extremely high protective dry film thickness (DFT) – easily up to 500µm for the recommended two (2) coats. This is **five times thicker** than normal paints
- ✱ Exceptionally high UV, weathering, erosion, oxidation, and chemical resistance
- ✱ Watertight formulation provides the highest protection against water permeation and corrosive sulphate, salt/chemical solution ingress – absolutely no need for a separate 'sealer'
- ✱ Delivers exceptionally high levels of abrasive wear and impact resistance
- ✱ Can be colour matched to almost any colour for paving, walls, or roof projects

- Attractive coloured, slightly stippled texture finish assists, with other anti-slip additives contained in **duro paint™ STIPPLE** to provide the highest resistance to skidding and slipping when wet
- Combines hardness, flexibility and excellent adhesion with very low shrinkage, thereby ensuring that the applied product will not crack lift or flake
- Easy-to-use and apply with normal paint application equipment
- Has low odour and does not give off noxious gasses
- Can be used with a variety of application methods to provide various architectural and/or decorative effects having high impact resistance
- **duro paint™ STIPPLE** is an anti-corrosive paint that allows suitably primed iron and steel to resist rusting
- An excellent product used to rectify worn, rain damaged, and pitted concrete pavements, floors, ramps, and suspended slabs
- Extremely durable – guaranteed for 20 years against flaking, lifting and peeling on a vertical surface and 10 years on horizontal trafficked surfaces when applied as recommended

#### USAGE & APPLICATION:

Supplied as a ready-to-use powder, **duro paint™ STIPPLE** should be thoroughly mixed (using a power mixer) into the specified quantity of clean, drinkable water- 3 parts of powder to 1 part water – both by volume, just prior to application.

**duro paint™ STIPPLE** should be applied liberally and uniformly to a minimum 3000 psi water blasted prepared surface, which should result in it being clean, sound, and allowed to partially dry, lightly but uniformly water dampened prior to application.

**duro paint™ STIPPLE** can be applied using most standard painting/application methods, including brush, roller, soft broom, sponge, and/or suitable spray equipment. For maximum durability and protection, two (2) coats are recommended for most applications.

When applied, **duro paint™ STIPPLE** sets to become 'touch dry' in approximately 1.5 hours at 23°C and 50% RH (Relative Humidity). Shortly after this stage it should be hosed several times – gently at first, with clean tap water to assist with hardening, curing, and the removal of surface-active agent (surfactant).

For maximum protection and longevity, and to avoid the occurrence of a white surface bloom, it is

recommended that this water spray curing technique be carried out several times **intermittently** over the following 1-2 days (preferably 6 x 10 minute hosing).

#### DOSAGE RATES:

Recommended mixing proportions for DPS are 3 parts **duro paint™ STIPPLE** powder to 1 part clean potable (drinking) water by volume.

#### COMPATIBILITY:

**duro paint™ STIPPLE** is suitable for use on most prepared, clean, sound, and stable vertical, sloping, and horizontal substrates that have been lightly dampened with clean, drinkable water.

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™ STIPPLE** is supplied in 20kg pails.

#### COVERAGE:

On average, the coverage rate for a 20kg pail of **duro paint™ STIPPLE** is 30-35 square metres (m<sup>2</sup>) for two (2) coats.

#### STORAGE:

For maximum shelf life, **duro paint™ STIPPLE** should be stored below 27°C, 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™ STIPPLE** has a storage shelf life in excess of 24 months.

#### PRECAUTIONS:

**duro paint™ STIPPLE** 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 and precautions are followed when handling and using the product.

- Wear full overalls, gloves safety goggles and a dust mask during mixing and application
- 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™ STIPPLE** Material Safety Data Sheet (MSDS), which is available from Ability Building Chemical Co.

#### FURTHER INFORMATION:

Go to: [www.abilityproducts.com.au](http://www.abilityproducts.com.au) and look for **duro paint™ STIPPLE**.