

# DUROPRIME SSP

## NON PORUS SURFACE PRIMER

Duroprime SSP is a solvent free primer specifically developed with adhesion enhancing properties on metals, non-porous, dense and smooth substrates. It is designed for use on both vertical and horizontal surfaces, achieving high adhesion without the need for etching or using solvents. Ideally suited for the application of Duroprime SSP membrane coatings, adhesives and mortars to enable ease of bond to difficult substrates.



### PRINCIPLE CHARACTERISTICS

- ◆ Solvent free alternative to dangerous solvent based primers
- ◆ Bonds to a variety of metal, plastic, glazed, smooth & dense surface
- ◆ Super adhesion properties
- ◆ Ease of application
- ◆ Very low dirt retention, non-tacky
- ◆ Suitable for internal and external application
- ◆ Can be directly covered over with Duroprime SSP membranes or enhanced adhesives and mortars
- ◆ Time saving, user friendly and environmentally safe



### SUBSTRATES

- ◆ Metals including: galvanised iron, zincalume, aluminium, stainless steel, copper, brass treated steel, colorbond sheeting
- ◆ Precast and tilt up concrete, glass reinforced concrete
- ◆ Hardwood and dense timber surfaces
- ◆ Existing ceramic tiles, vitrified tiles and natural stone
- ◆ Brickwork (clay and concrete)
- ◆ Compressed cement sheeting, plasterboard surfaces
- ◆ James Hardie™ Scyon™ Secura™ external/internal flooring
- ◆ Polymer mortars, synthetic mortars, smooth self-levelling compounds
- ◆ Marine plywood and timber sheet surfaces
- ◆ Glass
- ◆ Rigid plastic surfaces
- ◆ General surfaces where absorbing primers are not suitable or where adhesion enhancement is required agent

## TECHNICAL INFORMATION

Form	Viscous paste
Colour	Wet – Off white Dry – Off white
Specific Gravity	1.3g/cm <sup>3</sup>
pH	8-9
Drying time	60 mins @ 18°C & 50% RH
Viscosity	4000 mPas
pH	8
Adhesion properties	
-Glazed tiles	0.83MPa
-Hardies Scyon™	0.8MPa
-Structafloor®	0.6 MPa (failure within timber surface)

## APPLICATION

Duroprime SSP is suitable for commercial, industrial and residential applications.

## SURFACE PREPARATION

Surfaces must be prepared thoroughly before commencing application. All substrates must be structurally sound, smooth, stable, dry, and clean.

Rough surfaces and voids to be evened or filled first and all brick/block surfaces to be pointed flush. (refer to Duroprime SSP 11Y for concrete/masonry repairs). All general surface defects to be repaired.

Building surfaces must be constructed to manufacturer's recommendations and relevant building standards in force at time of product application.

All surfaces are to be free of sharp protruding objects, loose material, de-bonded coatings, curing membranes/agents, release agents, wax residues, foreign particles, laitance, algae and moss, grime, oils, animal fats or grease remains.

Structurally unsound layers and surface contaminants are to be mechanically removed by abrasive blasting, blast tracking, grinding or equivalent methods.

## APPLICATION AND COVERAGE

- ♦ Stir product well before using and apply product using a low nap roller or long bristle brush. Ensure coverage is even to the surface being treated. Contact Duroprime SSP Technical Services for details on spray application.
- ♦ On smooth, non-porous surfaces, such as metal, glass reinforced concrete, glazed tiles, a minimum coverage of 1 litre/12m<sup>2</sup> is required. Depending on the absorbency and nature of the surface, coverage of 1 litre/5m<sup>2</sup> may be required.

## STORAGE CONDITIONS

- ♦ Best stored at room temperature.
- ♦ Avoid cold freezing conditions and off concrete floors.
- ♦ Do not store in direct sunlight.
- ♦ Shelf life: 24 months in unopened container

## PRECAUTIONS

- ♦ Not to be used as primer for areas with rising moisture or negative hydrostatic pressure
- ♦ Safety Data Sheet (SDS) available
- ♦ For further information about this product contact technical department of Duroprime SSP Industries.

## CLEAN UP

- ♦ In water while wet
- ♦ Once dried product needs to be removed mechanically or by solvent
- ♦ On hands or skin while product is wet – use soap and water.
- ♦ Once cured use solvent free hand cleaners.

## PACKAGING

1litre, 5 litre and 15 litre pails

### VOC CONTENT (ISO 13741-1)

**NIL**

The VOC Content of Gripset P10 is below the maximum VOC Content for Architectural and Interior Sealants as required by Green Star Ratings tools Education v1, Healthcare v1, Industrial v1, Multi Unit Residential v1, Office Interiors v1.1, Office Design v2, Office v3, Office As Built v2 and Retail Centre v1

## NOTES

It is recommended before commencing the application; that adhesion of products to be used (e.g. primers, membranes, coatings adhesives etc) is tested over a typical area of the prepared surface to ensure satisfactory adhesion. It is the responsibility of the applicator to carry this out and accept the substrate suitability before any application starts. Duroprime SSP Industries offers a service for pre testing adhesion to surfaces for large commercial areas or unusual substrates. For further details contact Duroprime SSP Industries. Details contained in product data sheets are general. For any situation or items not covered in this data sheet, it is the responsibility of the applicator to check with Duroprime SSP Technical Services before commencing the application. A written confirmation will then be issued by Duroprime SSP Technical Services.



14 Essex Street, P.O Box 5092, Minto, NSW 2566

+61 2 9603 1177

+61 2 9475 5059

sales@durotechindustries.com.au

www.durotechindustries.com.au