



Textured Acrylic Wall Coating

DUROPLAST 400

DESCRIPTION AND USES

DUROPLAST 400 is an 88% solids mixture of acrylic resin, inorganic pigments, flexibilizers and fillers. Spray applied on almost any sound, dry or damp interior or exterior wall and ceiling surface, up to 1 cm (0.4") thick.

DUROPLAST 400 will dry to a textured coating with high color retention and surface protection properties.

CHARACTERISTICS

- Excellent adhesion, even to damp surfaces
- Outstanding color retention
- Excellent hiding qualities to give a uniform appearance
- Excellent protection against deterioration
- Does not support combustion

APPLICATION INSTRUCTIONS

Surface Preparation

The surface must be sound and free of all contaminants.

Application

Mix thoroughly parts A and B until mixture becomes homogeneous.

Pour mixed material into Hoppergun and hold gun at right angle, approximately 50 cm (19,7 ") from the surface. Open air control valve and spray a base of DUROPLAST 400 to completely cover the surface.

Once the base has set (15-20 minutes), adjust air control valve to produce the desired texture, making multiple passes to build up larger texture.

PRECAUTIONS

- Consult Material Safety Data Sheet prior to use.
- Do not apply material at temperatures below 10°C (50°F).
- Do not allow DUROPLAST 400 to freeze until fully cured (21 days).
- Ensure adequate ventilation. Applicators should wear air circulating masks.

TECHNICAL INFORMATION

Color:	White
Solids content:	Per volume 78 % Per weight 88 %
Mixing ratio:	As supplied
Pot life:	1 – 2 hours (normal conditions)
Application method:	Hoppergun
Recommended thickness:	1500 microns dry (60 mils dry)
Coverage:	8 – 9 m ² / kit (85 – 95 ft ² / kit)
Curing time:	Setting 30 minutes Full cure 21 days
Cleaning solvent:	Warm water and detergent
Shelf life:	1 year in original unopened container
Packaging:	25 kg kit (55 lb kit)

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TECHNICAL DATA



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PHYSICAL PROPERTIES

<u>PROPERTIES</u>	<u>TEST METHODS</u>	<u>RESULTS</u>
Water vapour transmission	ASTM E-96 Procedure A	15.5 perms
Light resistance, 100 hours	ASTM E-188	Unaffected
Impact resistance	Gardner 1 GP-71 Method 147.1	Slight effect at impact of 7.9 J (70 lbs•in), resists up to 15.8 J (140 lbs•in)
Salt-fog resistance, 500 hours	ASTM B-117	Unaffected
Freeze – thaw resistance	ASTM C-67 10 cycles as follows: 2 hours in water at room temperature 4 hours at -28°C (-20°F) 2 hours in water at room temperature 16 hours at -28°C (-20°F)	No cracking, checking or chipping, slight change in color
Accelerated weathering, 1000 hours	ASTM E-42 Type D	No significant cracking or chipping, yellowing
Fire resistance	CGSB 1-GP-71 (118.4)	No flashing, burning, charring, blistering or peeling outside flame impact area. Slight charring in flame impact area with no afterglow
Test report available upon request.		

This information is based on tests we believe to be reliable. Since conditions of use are beyond our control, we do not assume any liability except the replacement of an equal quantity of any product which is proven defective and for which we are responsible.