

AASH-THANE

High Build Polyurethane

(ACRYLIC ALIPHATIC POLYURETHANE SYSTEM)

Series: GA 1110



AASHISH

Protective Coating's, Lining's & Floorings.

PRODUCT CHARACTERISTICS

AASH-THANE High Build Polyurethane: Series GA 1110 provides a tough impermeable barrier suitable for most surfaces. Suitable to be used in both new and as a maintenance finish in a wide variety of environments including offshore structures, chemical and petrochemical plants, bridges, pulp and paper mills and power industries. Excellent chemical, water and abrasion resistance.

AASH-THANE High Build Polyurethane: Series GA 1110 has a good resistance to chlorine, weathering and exhibits excellent gloss retention properties. Can be used over a wide range of coatings.

PRODUCT DESCRIPTION

Two pack non yellowing acrylic aliphatic polyurethane-based topcoat suitably pigmented in various solid contents.

PRODUCT INFORMATION

Colour

Standard White. Other colours available upon request.

Finish

Semi-Glossy to egg shell.

Volume Solids

50 %.

Mix Ratio

4 : 1 (Base to Hardner)
Mix parts A and B in proportionate
Weights as supplied.
Cure Isocyanate cross linking
polymerization.

Typical Thickness Range

>100 μ per coat.

Theoretical Coverage

10 - 12 m²/liter at 100 μ

Practical Coverage

9-10 m²/liter at 100 μ . Allow for application losses, surface irregularities, etc.

Recoating Interval

Minimum : 3-4hrs (touch dry).
Maximum : 48hrs
Pot life > 2 Hours.

Cure Time

>72 hrs (depending on temperature and
Other environmental conditions).

Packing

10 Ltr, 20 Ltr

SURFACE PREPARATION:

Minimum SA 2 ½ in accordance with SSPC Standards for metallic substrate. For Concrete, surface should be **dry free of** oil, grease, loose lattice etc.(See SSPC standards)

ENVIRONMENTAL CONDITIONS:

Blasting or coating application should not be carried out when R.H.>85%, Air temperature < 50C Substrate temperature. < 30C Atmospheric above Dew Point of surrounding air.

APPLICATION

Spray application

Conventional or airless spray: Pump (minimum 33:1 ratio)with a fluid twist tip: - 15 - 19 thou.

Brush/Roller

For inaccessible or awkward areas, or when spray application is not required or feasible.

Thinner

GA-T 110 (If required).

Solvent

GA-S 110.

Pot Life

2-3 Hours depending on ambient temperatures. Vigilant care and attention to pot life is required during application. If gelling has started, do not apply.

STORAGE

Store in cool, dry conditions (below 20°C). Keep away from direct heat source and sunlight. When not using the material, always replace the lid on the container.

SHELF LIFE

At least 12 months when stored in sealed containers at temperatures of 20°C or below. At temperatures above, refer to manufacturer for advice.

Safety Precautions:

Aashish Coating Technologies Pvt. Limited management are intent on ensuring all work is carried out in accordance with companies QAP (Quality Assurance Plan) and Health & safety procedures.

DISCLAIMER

The information contained herein is to best of our knowledge accurate and current and is given in good faith without warranty. Users are deemed to have satisfied themselves independently as to the suitability of our products for their particular purpose. In no event shall **ACTPL** be liable for consequent or incidental damages. Due to continuous R&D and improvement in the technology, we reserve our option to change the specifications and presentations.

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