

ARMORSEAL 700

Liquid Aliphatic and Weather Resistant Polyurethane Waterproofing Topcoat

ARMORSEAL 700 Polyurethane Weather Resistant Top coat for Waterproofing and Flooring

Product Description:

ARMORSEAL 700 is a one component, UV-stable aliphatic liquid membrane used as a top-coat for ARMORSEAL 250 polyurethane waterproofing. It increases the wear and abrasion resistance of treated surface and recommended for areas used for pedestrian and vehicular traffic. Cures with the humidity in the atmosphere. It comes in different colour such as transparent, grey, blue and green.

Advantages of the Finish (Top Coat):

-) Excellent UV resistance.
-) Being aliphatic, it does not discolour when exposed to sunlight.
-) Simple application (roller or airless spray).
-) When applied forms seamless membrane without joints.
-) Provides water vapor permeability, so the surface can breathe.
-) Maintains its mechanical properties over a temperature span of -30o C to +90o C.
-) Provides excellent adhesion to almost any type of surface.
-) Even if the membrane gets mechanically damaged, it can be easily repaired locally within minutes.

Application Areas:

-) Roofs, Verandas, Balconies and Terraces,
-) Natural stones,
-) Door and windows cases,
-) Wood and bamboo,
-) Marble, ceramic surfaces,

Consumption :

0,5 -1,0 kg/m² applied two or three layers. This coverage is based on application by roller onto a smooth surface in optimum conditions. Factors like surface porosity, temperature and application method can alter consumption.

Surface Preparation:

Preparing Surface

Clean the surface using a high pressure washer, and remove oil, grease and wax contaminants, cement laitance, loose particles, mould release agents must be removed. Fill surface irregularities with the necessary product. Pour ARMORSEAL 700 onto the primed or waterproofed surface and apply in one or two coats.

Technical Data:

PROPERTY	TEST METHOD	RESULTS
Hardness (Shore A Scale)	ASTM D 2240	60 shore A
Elongation At Break	ASTM D 412 / DIN 52455	% 50
Tensile Strength	ASTM D 412 / DIN 52455	50 N/mm ²
Water Vapor Permeability	ASTM E 96	0,8 gr/m ² sat
Adhesion to Concrete	ASTM D 903	2N/mm ²
Service Temperature		-40 °C to +80 °C
Gloss retention (after 2000 hours)	DIN 67530	GOOD

Application Notes of Finish:

Usage : **ARMORSEAL 700** should be used up at one opening, failure to seal opened cans properly will lead to curing of unused material.

Storage:

Seal the can tightly and store in a cool, well-ventilated place. Shelf life is 12 months and ARMORSEAL 700 is packed in 4kg and 25kg containers.

Health and Safety Information:

It contains certain chemicals which can cause skin irritation. Wear gloves, masks while handling the product, washing thoroughly after handling. Should skin contact occur, wash immediately with soap and water. During application and curing in closed rooms, adequate fresh air ventilation must be provided. Keep away from open flames including welding.

In case of accidental eye contact, wash with a large quantity of water and immediately seek medical advice. For detailed health, safety, environment recommendations, please consult and follow the instruction on the products material safety data sheet.



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