

TECHNICAL DATA SHEET

SEAMASTER 8601/8603 ACRYLIC WALL SEALER (WATER BASED EXTERIOR)

Description

8601/8603 Acrylic Wall Sealer is a water based acrylic primer sealer; specially formulated to withstand alkali attack, efflorescence resistant and excellent water resistant suitable for exterior used. It can be use as a primer for new and old building surfaces such as brickwork, plaster, cement, asbestos, etc.

- Water proofing
- Good penetrative power
- Seal hairline crack
- Provide good adhesion for finishing coat
- Fungus resistance

Standard Approval

Alkaline resistant test by TUV-SUD-PSB. (Method of Test follow SS150 1998)

Surface Preparation

New Masonry Surfaces

It is crucial that ample time (about 14 days after plastering) is allowed for the concrete / plaster surfaces to be dry out. High moisture content is a common cause for premature paint failures, such as blistering, discoloration, etc. Concrete / plaster are alkaline in nature and together with the presence of salts and moisture may cause paint systems to fail prematurely.

Masonry surfaces must be reasonably dry and free from oil / grease and other contaminants before an appropriate alkali resistance sealer is applied.

Old Unpainted / Previously painted masonry surfaces

Surface must be dry and free from any structural damages and cracks. Wash the surface to remove any vegetable growths, stains, debris and powderiness by high pressure water jet. Fungicidal wash should be used as a wash and left for 48 hours before final rinse with clean water. This will ensure most algae spores are killed.

For more effective results as well as to avoid discoloration of paints, use Fungicidal wash FW-103 after high pressure water jet final cleaning. Allow FW-103 treated areas to dry before painting.

For poor paintwork which is powdery, chalky and poor in adhesion, it is crucial to remove the old paintwork by scraping or by brushing with a stiff bristle brush before the full painting system is applied.

Physical Properties

Vehicle Type

Modified Acrylic Emulsion

Pigmentation

Titanium dioxide and mineral extenders.

Solvent

Water

Density (kg / litre)

1.09 ~ 1.15

Volume Solid

Approximately 32%



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Chemical resistance	Has limited chemical resistance but very good alkaline resistance to the concrete.
Drying Time at (27 ± 2°C & RH 80 ± 5%)	Touch Dry ≤ 20 mins Hard Dry ≤ 1 hr
Dry Film Thickness	25 ~ 30 microns
Recoating Interval	3 hrs
Theoretical Coverage	10.6 ~ 12.8 m ² / litre
Colour	Off white only
Sheen at (85° head)	Sheen
Storage Condition	Air tight, store in dry and cool conditions
Packing	5 litres, 20 litres
Application Temperature	5°C to 40°C

Application Method	By brush, roller and air spray
Brush or roller	Ready for use
Conventional air spray	Dilute paint with not more than 20% of water

Recommended Coating System

a) For Masonry

Sequence	Product Reference	No of Coat	Dry Film Thickness
Surface	Fungicidal Wash FW-103 for old surfaces, after high pressure water jet cleaning	-	-
Primer	8601/8603 Acrylic Wall Sealer	1	25 ~ 30 microns
Finish Coat	7800 Seatex, ABF 8000, SWT 7700, 8800 Syntalite Acrylic Matt Wall Finish, 8900 Syntalite Supersilk Algae Resistant Emulsion Paint	2	60 ~ 70 microns

Product Liability

The Seller warrants the product to be free from manufacturing defects in material and workmanship. The Seller's sole obligation and Buyer's exclusive remedy in connection with the products shall be limited at the Seller's option, to either replacement of products not conforming to this warranty or credit to the Buyer's account in the invoiced amount of the non-conforming products.

The Seller makes no other warranties concerning this product. No other warranties, either express or implied, or satisfactory, and as warranties or merchantability or fitness for a particular purpose, shall apply. In no event shall the Seller be liable for consequential or incidental damages. Any recommendations or suggestion relating to the use of the products made by the Seller, whether in its technical limitation, or in response to specific inquiry, or otherwise, is based on data believed to be reliable, however, the products and information are intended for Buyers having requisite skill and know-how in the industry, and therefore it is for the Buyer to satisfy itself of the suitability of the products for its own particular use, and it shall be deemed that the Buyer has done so, at its sole discretion and risk. Variation in environment changes in procedures of use, or extrapolation of data may cause unsatisfactory results.

