

POLYGLOW AL

Bituminous Aluminium Coating

POLYGLOW AL is a quick drying, aluminum pigmented, bituminous protective coating designed for external protection of pipes.

CHARACTERISTICS

- ▶ Easy to use
- ▶ Good weather resistance
- ▶ Good water resistance
- ▶ Flexible coating
- ▶ Prevents corrosion

FIELDS OF APPLICATION

- ▶ External pipes
- ▶ Used as protective coating for cast iron, steel & other substrates

APPLICATION INSTRUCTIONS

Surface preparation

The surface should be thoroughly de-greased and must be cleaned of all loosely adhering particles, laitance, dust, oil, grease, paint, etc. The surface must be rust free. Also, remove salt and other contaminants by high pressure fresh water cleaning. Sharp edges or rough weld seams should be ground down. Dust off all the residues and allow the surface to dry. Old coated surface should be roughened with sand paper and dust should be removed before recoating.

Priming : Priming is not required.

Brush / Airless Spray Application

The coating is supplied ready for application. In case of cold weather conditions, add a small amount of the specified solvent to obtain the suitable viscosity. The amount of thinner that may be added depends on the application methods and conditions. Prior to application stir and mix the paint thoroughly by a mixer to obtain a homogeneous product. After mixing, the material should be applied immediately by airless spray or brush. In case recoating is needed, clean the surface thoroughly by high pressure fresh water hosing and allow it to dry. No particular recoating

interval is required. The recoating should be done when the surface is dry.

The surface temperature must be at least 3°C above the dew point to prevent condensation. The paint should never be applied under adverse weather conditions. In confined spaces, constant purging of the air during application and drying is necessary to eliminate solvent vapours for reasons of health and safety as well as to assist evaporation.

CLEANING

Clean all tools with POLYSOLVENT immediately after use. Hardened materials can be removed mechanically.

STORAGE & SHELF LIFE

Store in a cool, dry place and keep away from all sources of heat and sunlight. In tropical climates, store in air condition rooms. The shelf life is up to 24 months when stored in an air conditioned room in un-opened condition and if stored as per recommendations. Excessive exposure to sunlight, humidity and UV will result in the deterioration of the quality of the product and reduce its shelf life.

HEALTH & SAFETY

As with all construction chemical products, caution should always be exercised. Protective clothing such as gloves and goggles should be worn. Follow all local or national safety regulations. Apply only in well ventilated areas. Treat any splashes to the skin or eyes with fresh water immediately. Should any of the products be accidentally swallowed, do not induce vomiting, but call for medical assistance immediately

SUPPLY

POLYGLOW AL : 200-Liter Drum

POLYSOLVENT : 5-lt & 20-lt pails

TECHNICAL DATA

Properties	Test Methods	Typical Results
Color	Visual	Aluminium
Appearance	Visual	Metallic Lustre
Density , Kg / L.	ASTM D 1475	1.3 ± 0.05
Viscosity at 25 0C , spindle#4 , rpm=10 ,cP	Brookfield Viscometer Brookfield	3500 - 4500
Touch dry , hours, at 25°C	-	2 - 3
Full cure , hours	-	15 - 20
Non Volatile Matter, % Weight	ASTM D 2824	65 ± 3
Application Temperature , 0C	-	+ 5 to + 50
Coverage	-	4.5m ² / Litre @ 125 microns DFT
Flash point, °C	ASTM D93	25

Apart from the information given here it is also important to observe the relevant guidelines and regulations of various organisations and trade associations as well as the respective standards. The aforementioned characteristics are based on practical experience and applied testing. Warranted properties and possible uses which go beyond those warranted in this information sheet require our written confirmation. All data given was obtained at an ambient and material temperature of +23°C and 50 % relative air humidity unless specified otherwise. Please note that under other climatic conditions hardening can be accelerated or delayed.

The information contained herein, particularly recommendations for the handling and use of our products, is based on our professional experience. As materials and conditions may vary with each intended application, and thus are beyond our sphere of influence, we strongly recommend that in each case sufficient tests are conducted to check the suitability of our products for their intended use. Legal liability cannot be accepted on the basis of the contents of this data sheet or any verbal advice given, unless there is a case of wilful misconduct or gross negligence on our part. This technical data sheet supersedes all previous editions relevant to this product.



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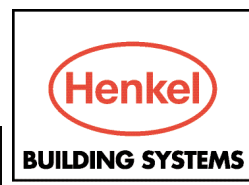
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