

ALEXCOAT NOVOLAC



Two Components, Chemical Resistant, Epoxy Resin Coating

Description

ALEXCOAT NOVOLAC is 100% solids two-component, solvent free based epoxy resins and curing agents specially selected for their ability to withstand aggressive chemical attack.

It is designed to give gloss finish on any building surfaces and most of masonry surfaces.

Uses

- Designed for protection and coating on Masonary,concrete,steel and wood, substrates and building surfaces

Such as:-

Corridors.

Kitchens.

Roof walls, Roof,Retaining walls.

Industrial areas.

Food processing areas.

Advantages

- Resists concentrated acids including 98% sulfuric acid,urea ammonium nitrate And other aggressive chemicals.
- Good chemical resistance.
- 100% solids.
- Superior flexibility compared to conventional novolac coatings.
- Durable.
- Gloss finish.
- Solvent free.
- Excellent adhesion to most materials.
- Odourless.
- Low maintenance costs.
- Abrasion resistance.

Surface preparation

Concrete surfaces: Apply only to clean,dry and sound concrete substrates that are free of all coatings, sealers, curing compounds or any other contaminants.

- New concrete should be cured a minimum of 28 days.
- Remove any laitance or weak surface layers.
- Concrete should have a minimum surface tensile strength.
- All cracks, expansion joints and control joints Should be properly addressed prior to application.

Mixing:

- ALEX COAT NOVOLAC should be thoroughly stirred prior to application.
- Mix the component (B) to component (A) while mixing.
- Still mix till achieve a homogenous consistency.

Guide to application

Application:

- Primer surface with ALEXCHEM primer is recommended.
 - Apply the first coat assuring a continues coating of uniform thickness and allow it to cure overnight, then apply the second coat till reaching the required thickness.
- Note: If the base coat becomes glossy or hard it is recommended to rough the surface before applying the second coat.

Properties

Appearance	Clear or any colour upon request	
Pot life	30 minutes	25°C
Foot Traffic	16 hours	25°C
Full Service	5-7 Days	25°C
Solid Content	100%	
Specific gravity	1.25	
Compressive Strength	130 N/mm ²	
Tensile Strength	28 N/mm ²	
Bond Strength	3 N/mm ²	
Initial cure	12 hours	35°C
Final cure	7 days	20°C
	5 days	30°C

ACIDS:

Hydrochloride	Excellent
Nitric	Excellent
Sulphuric	Excellent
Phosphoric	Excellent
Acetic	Excellent
Lactic	Excellent
Citric	Excellent

ALKALI:

Sodium Hydroxide	Excellent
Ammonia	Excellent

SOLVENTS:

Petrol	Excellent
Oil	Excellent
Kerosene	Excellent
Butanol	Good
Skydrol	Good

OTHERS:

Bleach	Excellent
Saturated Sugar	Excellent

Coverage:

ALEXCOAT NOVOLAC is approximately
Covers 5-7 m²/kg

Storage:

Store out of direct sunlight, clear of the ground on pallets protected from rain fall.
Protect from extremes of temperatures.

Packing:

Is supplied in 5 KG, 10 KG, 20 KG

Shelf life:

Up to 12 months if stored as recommended

Safety precautions:

Avoid contact with eyes, mouth, and skin.

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

Guarantee:

All precaution is taken in manufacture of each product to comply with the standard of each material.

The data sheet for each product for information only and may be corrected and no liability is accepted for it.

The results may have variation because the method of their use condition under which they are applied cannot be anticipated.

Technical Service:

For any technical advice for using the **ALEXCHEM** contact the technical office.

HEAD OFFICE:

33 Elamgad St, Miami, Alexandria

www.alexchem.net

info@alexchem.net

Tel/Fax: +203-5566791

Mob: +20173745566

FACTORY:

ELNahda, Karnak-Amraya

Tel: +203-9680828

Fax: +203-9680830