



Enriching lives through innovation™

ARALDITE® EPOXYCOAT CLEAR

CLEAR EPOXY SEALER FOR MORTAR AND CONCRETE

USES

Provides a durable easy clean surface for epoxy mortar or concrete floor surfaces.

Sealing the surface stops penetration by dirt and corrosive chemicals. Ideal for preventing dust and dirt pick up in factories laboratories, food processing rooms and any areas requiring clean dust free conditions.

SPECIAL FEATURES

- * SOLVENT FREE
- * CHEMICAL RESISTANT
- * HARD, GLASS LIKE FINISH
- * EASY CLEAN

DESCRIPTION

Araldite Epoxycoat Clear is a two component solvent free clear epoxy coating based on Araldite epoxy resin.

Each component is factory weighed and packaged ready for on site mixing. No priming is required.

PHYSICAL PROPERTIES

	Time at		
	10° C	20° C	30° C
Pot life	40 min.	35 min.	12 min.
Re-coating interval	25-35 hrs	12-18 hrs	7-10 hrs
Initial hardness	30 hours	15 hours	8 hours
Full cure	7 days	7 days	7 days

CHEMICAL PROPERTIES

Araldite Epoxycoat Clear gave the following result after 12-month submersion.

Water, de-ionized		+
Javel water	% 14	+
Sulphuric acid	% 10	+
	% 30	+
Nitric acid	% 30	+
Acetic acid	%10	o
Caustic soda	% 20	+
Gasoline, leaded (petrol)		+
Toluene		+
Xylene		+
111- Trichloroethane		+
Skydrol 500 A (Hydraulic fluid)		+
Octanol		+
Fruit juices		+
Sugar solution		+
Styrene		+
Key: + Unaffected		
o Yellowing		

INSTRUCTIONS FOR USE

PREPARATION

New concrete should be at least 28 days old. When the moisture content of the surface should be less than 5 %.

Loose or cracked areas should be repaired.

Laitence should be removed by acid etching. The concrete should then be thoroughly washed and left to dry.

Surfaces contaminated with oil or grease should be flame cleaned or thoroughly washed with a good detergent and rinsed with clean water, then left to dry.

Epoxy mortar screeds should be clean, dust free, and less than 48 hours old.

COATING

Araldite Epoxycoat Clear is supplied as two pre-weighed packs in exact proportions, No other materials should be added.

STIR CONTENTS OF EACH TIN THOROUGHLY

Pour the entire contents of the hardener into the resin and mix until clear and uniform. Spread the coating evenly over the floor. For concrete floors a brush or roller is suitable. For epoxy mortar screeds a rubber trowel is preferred.

Apply two layers at 200-300 gr./m². Porous substrates will absorb more during the first coat. Ensure that the second coat is applied within the stated recoating interval. If not then intercoat adhesion may be impaired.

JOINTS

Any movement joints should be continued through the coating and properly sealed.

CURING

The new floor will withstand foot traffic after reaching initial hardness. Heavy traffic and chemical should not be allowed until after 7 days.

CLEANING DOWN

Use **Huntsman Cleaning Fluid**.

COVERAGE

Araldite Epoxycoat Clear

2.5 kg. pack covers 12.5 m² on smooth and non-porous substrates.

STORAGE

Shelf life of 12 months minimum if stored below 25° C.

CAUTION

Keep uncured epoxy materials away from the mouth, food or drink.

Do not use empty tins to store food even if they appear to have been cleaned.

Always wear gloves or barrier cream when handling uncured epoxy materials. Clean any splashes or smears from the skin immediately using warm water and soap.

Avoid inhaling vapour.

Do not use below 5° C.

NOTICE

The information in this publication, given in good faith, is based on the present state of our knowledge but all recommendations are made without

guarantee since the conditions of use are beyond our control. Buyers and users should make their own assessment of our products under their own conditions and for their own requirements.