

LAMINATION RESIN

DESCRIPTION

Resincoat is a product formulated from thermosetting resin composed of polymerization promoters, flexibilizers, special additives and stabilizers.

The resins can be epoxy based, vinyl ester, novolac vinyl ester, solvent-free novolac epoxy and polyester for use as surface veil lamination resin, blankets, fabrics and carbon fiber and continuous yarns in the systems Glass Shield line or for manufacturing FRP parts and equipment in general.

The product is supplied ready for use and should not be diluted.

SISTEM	RESIN
Resincoat A	isophthalic polyester
Resincoat B	bisphenolic polyester
Resincoat C	chlorinated polyester
Resincoat D	vinyl ester
Resincoat E	epoxy
Resincoat N	novolac epoxy without solvents
Resincoat S	novolac vinyl ester

APPLICATIONS

Resincoat is a resin used for the impregnation of fiberglass fabrics and blankets in the application of monolithic coatings of the Glass Shield, Shieldcote line, manufacture of special parts, assembly and repairs in fiberglass pipes.

BENEFITS

- Low shrinkage during curing;
- Good flexibility;
- High impregnation capacity;
- Avoids delamination defects;
- Pre-dosed product.

ENVIRONMENT CONDITIONS

Minimum application temperature:	10° C
Maximum application temperature:	40° C
Maximum relative air humidity:	85%

PACKAGE

PACKING	
Resincoat	4 kg Gallon 18 kg Bucket 200 kg Drum

CONSUMPTION

- Consumption may vary according to the glass content of each coating layer and losses.
- For the manufacture of equipment, technical parts and accessories, consumption may vary depending on the glass/resin content specified in each project.
- Consult Technical Bulletin for the specific resin.

INSTRUCTIONS FOR USE

PREPARATION

- Prepare the substrate properly to ensure a good adhesion of Resincoat. Use the procedure indicated for each specific case.

APPLICATION

- Add the catalyzer or hardener in the correct proportion in the resin package and then homogenize.
- Resincoat can be applied by brush, roller or airless.

CLEANLINESS

Immediately after use, Resincoat must be removed from tooling and equipment using Solvent LP or EP. The hardened material will only be removed mechanically.

STORAGE

Keeping Resincoat in a dry place, protected from the sun and other sources of heat and in the original sealed package, its lifetime in the container (Shelf Life) at 25°C is 3 months.

SAFETY

HEALTH AND SAFETY AT WORK

Avoid all contact with skin or eye. The environment during the application should be well ventilated to reduce inhalation of vapors. Workers should wear adequate breathing apparatus in confined spaces. Open flames, welding operations and any other spark inducing activity are not permitted near the work area. Smoking should not be allowed.

Some people are sensitive to contact with resins, catalysts and solvents. To avoid discomfort all workers should wear gloves and goggles at all time when there is a possibility of spillage or any other contact with these products. The use of protective creams is encouraged as added protection. Over sensitive personnel showing any sign of discomfort should be removed from the work area.

Resin spillage / drippings on the skin can be removed with soap and water. In case of contact with the eye, wash thoroughly for 15 minutes with clean water and get medical help. Medical assistance is required in case of accidental ingestion. Do not induce vomiting.

ADDITIONAL INFORMATION

Wolftank produces and sells a large variety of products designed to protect steel or concrete substrates against corrosion. Our product line includes coatings and linings, special paints, and products used in surface treatment.

We also carry a complete line of auxiliary products like grouts, anchoring systems, carbon fibers and a complete system solution to the problem of the structural rehabilitation of steel or concrete structures.

Please call us for further information about our products, tutorial videos and technical brochures.



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