

EPOGLASS GF HT

series 138200

GENERAL CHARACTERISTICS

Excellent abrasion resistance
High waterproof property
Solvent free

Exceptional chemical resistance
Suitable thickness in one single coat
Possibility of hardening also at room temperature

RECOMMENDED USAGE

Internal parts of tanks for undrinkable water, oil, grease, crude oil, aliphatic hydrocarbon, alkali, acid and salt solutions.

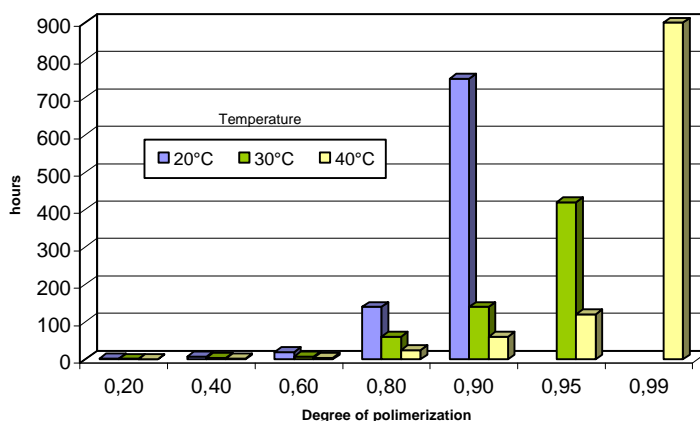
APPLICATION

After mixing the two components separately, combine and mix them together using a mechanic mixer. Apply the product within 45 minutes after mixing. The second coat should be put on before the first coat reaches the 70% of total polymerization (see chart below).

As soon as possible, spray equipments must be accurately cleaned using a thinner for epoxy in order to prevent product from drying inside to equipment itself.

A total film thickness lower than 300 micrometers will not guarantee absence of porosity in the coating; a thickness higher than 800 micrometers will badly influence flexibility and impact resistance characteristics.

Degree of polymerization related to t (hours) and T (°C)



CHEMICAL RESISTANCE

Immersion at 20°C

Acetic acid up to 10%	Potassium hydroxide up to 30%	Molasses
Nafletic acid	Sodium hypochlorite up to 10%	Chlorinated paraffin
Sulphuric acid up to 40%	Fresh water	Aliphatic hydrocarbon
Hydrochloridric acid up to 5%	Sea water	Crude oil
Phosphoric acid up to 10%	Distilled water	Butyl phthalate
Ammonia up to 10%	Sodium chloride all concentrations	Pine tree oil
Sodium Hydroxide up to 30%	Benzyl alcohol	Glycerol

Spray and dripping at 20°C all products mentioned above plus:

Lactic acid	Phosphoric acid up to 40%	Triethanolamine
Nitric acid up to 10%	Ammonia all concentrations	Sodium nitrate
Sulphuric acid up to 70%	Formaldehyde (solutions)	Carbon tetrachloride
Hydrochloridric acid up to 20%	Diethanolamine	Glycols and polyglycols

SAFETY PRECAUTIONS FOR HANDLING

Epoxy resins and their hardeners are chemical products. Suitable procedures of industrial hygiene must be followed when handled. Safety data sheets of the products mentioned above can be found on our site www.tipici.net