



REPOSOL

PRODUCT DESCRIPTION

REPOSOL is a two-component fluid epoxy resin that can be added with sawdust, sand, ...



PRODUCT APPLICATION

- To anchor metal connectors on wood, concrete and masonry
- To partially restore structures made of wood or concrete (added with fillers such as sawdust and sand)
- Filler for concrete or with dust-proof function for cement-based surfaces (diluted with water)
- Surface protection and surface strength enhancer for cement-based surfaces (diluted with alcohol)

ADVANTAGES

- Simple application
- Versatility
- High performance

PREPARATION AND APPLICATION The preparation and installation data refer to normal environmental conditions (temperature +20°C; relative humidity 60%).

Preparing the surface

The surface must be free of dust and grease and as dry as possible.

Preparing the mixture

Pour the two components in a ratio of A/B = 1/0.6 into a container and mix at low speed until smooth.

Structure reconstruction

When components A+B have been mixed together, for wood reconstruction add the required amount of dry sawdust and mix thoroughly, for concrete reconstruction add sand and mix in the same way (see mixing ratio).

Impregnation of concrete or surface protection of cement-based substrates

When components A+B have been mixed together, for concrete impregnation add the required amount of water and mix thoroughly, for surface protection add alcohol and mix in the same way (see mixing ratio).

Application

Anchors

Pour the resin mixture into the previously shaped hole and then insert the metal connector.



REPOSOL

Structure reconstruction

Pour the mixture with fillers into the formwork previously set up and treated adequately to prevent adhesion of the resin.

The mixture can be applied directly on the structure with no formwork if a little filler material is to be applied.

Impregnation of concrete or surface protection of cement-based substrates

Several coats of the emulsion are applied with a roller or brush until it is no longer absorbed.

PACKAGING AND STORAGE

8 kg packages (component A: 5 kg bucket - component B: 3 kg bucket).
Storage time 12 months.

WARNINGS - IMPORTANT NOTES

The epoxy resin is affected by temperature during the hardening phase, therefore, the application times can vary from 15 minutes to a few hours.

Maximum working temperature 70°C.

If diluted with alcohol, while it is being handled, keep away from open flames, high temperatures or saturated atmospheres.

After use, clean the tools well with nitro thinner.

PHYSICAL AND TECHNICAL SPECIFICATIONS

Specification	Values
Appearance	Amber liquid
Mixing ratio (in weight)	Component A : Component B = 1 : 0.6
Expected useful lifetime	3 h (a +20°C e 60% U.R.)
Touch dry (thin layer) (+20 °C 60% R.H.)	> 6 hours
Hardening (+20 °C 60% R.H.)	24 hours
Specific weight	1.05
Compressive strength after 7 days	95 N/mm ²
Flexural strength after 7 days	45 N/mm ²
Dynamic modulus of elasticity after 7 days	4.700 N/mm ²
Mixing ratio	Reposol added (in weight)
Reposol/sawdust	4/1
Reposol/sand	1/5
Reposol/water	1/7
Reposol/alcohol	1/1

The quoted data are obtained in a laboratory at +20°C and 60% RH.

SAFETY

Refer to the related Safety Data Sheet.

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