

Kabeline 2375 GLM epoxy resin



The Kabeline 2375 Resin has been specially developed for the potting of conductivity sensors for the alarm slipperiness system of the Dutch highway network, which is managed by Rijkswaterstaat (Ministry of Infrastructure and Water Management). This high quality resin has been used over 30 years.

The resin excels in its exceptional adhesion to stainless steel and has no shrink during or after the curing process. The Kabeline 2375 GLM resin is particularly suitable for the potting of electrical components which need a long term protection against moisture ingress and mechanical impacts.

Features

- Excellent adhesion to stainless steel.
- Shrink-free.
- Totally moisture insensitive.
- Very low coefficient of expansion.
- Very low curing temperature.
- Slow curing time of +/- 24 hours
- Very strong, hardness Shore D 84
- High density of 1.7
- Excellent mechanical properties.
- Packed in transparent 2-component pack.
- 2-component bag with the resin and hardener always supplied in the right volumes and mixture.
- Resin which remains in the bag after mixing can be left for hardening and can be disposed of as normal waste.

Specifications

Properties	Unit	Value
Curing time 0.1L at 23°C	hours	24
Curing time 0.1L at 30°C	hours	2,5
Exothermic peak 0.1L at 30°C	°C	35
Density	g/cm ³	1,7
Viscosity at 23°C	mPas	5000 - 6000
Hardness	Shore D	84
Shrink during hardening	%	0
Shelf life	months	18
Hardening under water	ml/gas	0
Colour		grey/black
Mixing time	minutes	2
Raw materials		filled epoxy resin

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More info

[Download: Mixing instructions](#)



Products

Art.nr.	Product Name	Colour	Content	Order unit
80090	Kabeline 2375 GLM 550 gram	anthracite	550 gram	10 pcs/carton