

Kabeline 2444 epoxy resin



The Kabeline 2444 Epoxy resin has been specially developed for casting and bonding of sensors into the road surface.

This high quality resin has been used over 30 years for conductivity sensors for the alarm slipperiness system of the Dutch highway network, which is managed by Rijkswaterstaat (Ministry of Infrastructure and Water Management). The resin excels in its exceptional mechanical strength and bonding to stainless steel and stone. The Kabeline 2444 resin is particularly suitable for a permanent fixing and securing of sensors into the roadsurface or other mounting applications which require a durable and safe connection.

Features

- Excellent mechanical properties
- Suitable for long-term use, extreme conditions and weather influences
- High hardness of Shore D 88
- Excellent adhesion to stainless steel, stone, concrete, and asphalt roads
- Total moisture insensitive
- Very low shrinkage
- Excellent curing properties
- Packed in transparent 2-component pack.
- Two-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
Potlife (process time) 23°C	minutes	15
Gel-time 23°C	minutes	30
Curing time 40°C	minutes	30
Density	g / cm ³	1,50
Compression strength	N / mm ²	90
Hardness	Shore D	88
Tensile strength	N / mm ²	75
Impact resistance	kJ / mm ²	20
Shrink	%	< 1
Thermal conductivity	W/m · K	1,1
Shelf life	months	12
Mixing time	minutes	3

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More info

[Download: Mixing instructions](#)



Products

Art.nr.	Product Name	Colour	Content	Order unit
80094	Kabeline 2444, 360 gram black	black	360 gram	10 pcs/carton