

TECHNICAL DATASHEET

4900

(Activator / accelerator for anaerobic curing adhesives and sealants)

Description

This low viscous activator is based on organometallic compound (solved in Isopropanol). 4900 accelerates the curing process of anaerobic adhesives and is recommended whenever curing within seconds is required, or if inactive materials or further if too big gaps avoid normal curing. In addition, excess adhesive in contact with air can be completely cured by subsequent applying (spraying).

Advantages

- Very fast curing
- Short evaporation time

Physical properties (liquid product)

Chemical base	Organometallic compound (solved in Isopropanol)
Colour	Turquoise (blue-green)
Viscosity (25°C; Brookfield RVT; Spindle 2; 100rpm)	~ 10 mPa·s
Density bei 25 °C	~ 0.8 g/cm ³
Shelf life	1 year (at room temperature)
Flash point	13 °C
Evaporation time	60 – 120 seconds at 25°C

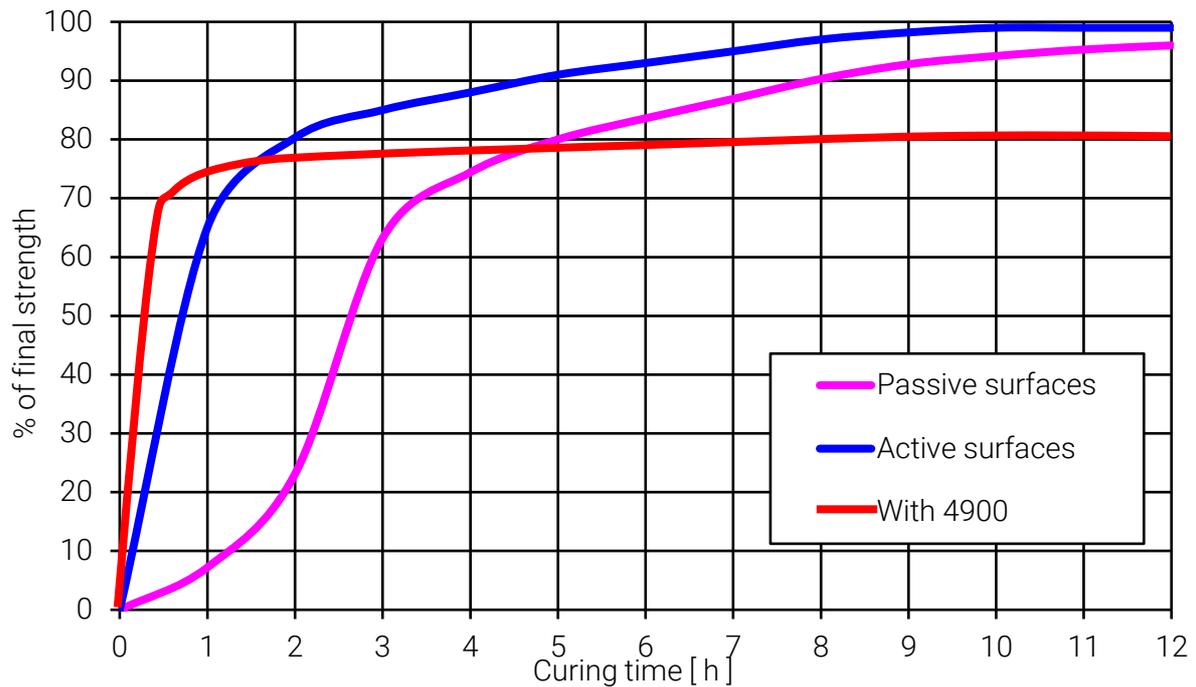
Curing properties

Fixture time
depending on the anaerobic adhesive
Functional time
depending on the anaerobic adhesive
Final strength
depending on the anaerobic adhesive

15 – 30 seconds

20 – 40 minutes

12 hours



Note: The use of the activator reduces the final strength of the adhesive used by up to 20% compared to the ideal values.

Instruction for use

- Apply 4900 to one surface and the adhesive to the other. To be able to bridge larger gaps, 4900 can also be applied out on both sides.
- The activator must evaporate completely so that the adhesive is not impaired in wetting and curing.
- The components should be joined together immediately if possible.
- Fix the joined parts for at least 2 minutes (please check your specific application for the correct fixture time).
- Store the parts until the functional or final strength is reached.

Warning!

Never mix bigger amount of adhesive and activator directly!

Precautions

For your own safety, please refer to the information of the concerned MSDS and for the correct handling the "user instructions".

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