

TECHNICAL DATASHEET

4901

(Activator / accelerator for anaerobic curing adhesives and sealants)

Description

This very low viscous activator is based on organometallic compound (solved in Acetone). This product has been specially developed to achieve a very short evaporation time.

4901 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 short evaporation time
- Very fast curing

Physical properties (liquid product)

Chemical base	Organometallic compound (solved in Acetone)
Colour	Turquoise (blue-green)
Viscosity (25°C; Brookfield RVT; Spindle 1; 100rpm)	~ 0.35 mPa•s
Density bei 25 °C	~ 0.8 g/cm ³
Shelf life	2 years (at room temperature)
Flash point	< -18 °C
Evaporation time	< 20 seconds at 25°C

Curing properties

Fixture time

15 – 30 seconds

depending on the anaerobic adhesive

Functional time

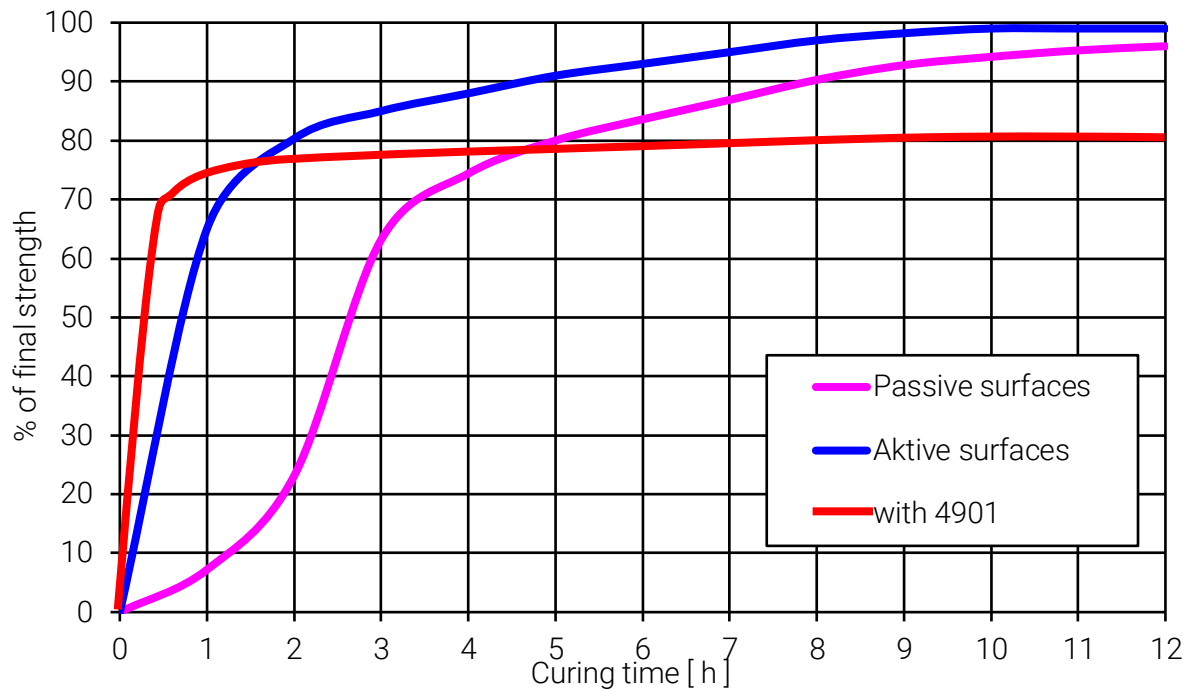
20 – 40 minutes

depending on the anaerobic adhesive

Final strength

2 – 12 hours

depending on the anaerobic adhesive



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 4901 to one surface and the adhesive to the other. To be able to bridge larger gaps, 4901 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 30 seconds (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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