Product information sheet

Wekat 900

Catalyst for WestWood PMMA resins

Brief description
Wekat 900 Catalyst is an essential component of PMMA-based WestWood products. It both starts and adjusts the curing reaction. The speed of the reaction is adjusted to the ambient conditions by modifying the amount of catalyst added.

Material

Oxygen-rich, powdered peroxide-based compound

Properties and advantages

- Easily soluble
- Highly effective

Areas of application

Wekat 900 Catalyst is mixed with WestWood PMMA products to enable the curing process to take place. It both initiates and controls the speed of the curing reaction. The reaction speed can be influenced by adjusting the amount added, and this method is used to adapt the reaction to the ambient conditions (temperatures).

Packaging

0.10 kg in plastic bag
25.00 kg in carton

Colours

Wekat 900 Catalyst is a white powder.

Storage

The catalyst must only be stored in closed containers and in dry areas, away from heat and ignition sources, and at temperatures below +25 °C. In the original packaging it has a minimum shelf life of 12 months. The influence of heat can cause the powder clump together and can reduce its effectiveness. The powder can self-ignite if it is heated to a higher temperature, e.g. by direct sunlight. Consequently, direct sunlight should also be avoided on site.

Required amounts of catalyst

The amount of catalyst required is dependent on the product used, the quantity of product and the temperature conditions.
For further details about the recommended quantities of catalyst please refer to the product information sheets for WestWood PMMA-based products.

Technical data

Density:	1.23 g/cm³
Apparent density:	0.65 g/cm³

Product application

Application equipment / tools
For mixing the product:

- Twin-paddle stirrer

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Mixing
Add the catalyst to the PMMA-based product while stirring, as the stirring action causes the catalyst to dissolve and ensures an even distribution. For exact details please refer to the product information sheets of the PMMA-based products.

Information on safety and risks

Please refer to the safety data sheets for the products used.

General information

The above information, especially information about application of the products is based on extensive development work as well as many years of experience and is provided to the best of our knowledge. However, the wide variety of requirements and conditions on site mean that it is necessary for the product to be tested to ensure that it is suitable for the intended purpose. Only the most recent version of the document is valid. We reserve the right to make changes to reflect advances in technology or improvements to our products.

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