

# NEXA ACCELERATOR

Accelerator for Polyurethane Membranes

## Description:

Additive that accelerates the curing time of polyurethane membranes, improves their mechanical properties, and allows application in thick layers without bubbles.

## Approved Uses

- Accelerates curing time for polyurethane membranes.
- Eliminates bubbles and other defects in the polyurethane membrane.
- Enables application in thick layers.

## Approved Substrates

Concrete, cement mortar.

For other substrates, we recommend performing tests to verify adhesion.

For special substrate conditions or requirements, contact the technical department.

## Advantages

- Accelerates curing time for polyurethane membranes, especially in winter. At 41 °F (5 °C), the membrane only allows application with the addition of the accelerator.
- Eliminates air formation inside the membrane, as well as bubbles and other curing defects.
- Increases product thixotropy.
- Enhances the mechanical properties of the polyurethane membrane.
- Allows application in thick layers.

## Limitations

- At temperatures below 41 °F (5 °C), the reaction may halt, significantly prolonging curing times, potentially by several days.
- The product hardens only when the temperature is above 41 °F (5 °C).

## Application

- **Mixing Ratio:** One 0.26 gal (1-liter) metal container is required for optimal reaction with 55.12 lb (25 kg) of polyurethane membrane. While the quantity of accelerator can be reduced, it should never be increased.
- **Mixing:** Shake the accelerator well before incorporation and homogenize using an electric mixer, ensuring no air is introduced. Then, apply the polyurethane membrane as usual.
- **Use of Solvent:** If the accelerator is used, avoid adding solvent after the product begins to increase in viscosity. Solvent can only be used up to a maximum proportion of 5%. Using inappropriate solvents may reformulate the product and cause curing issues immediately after mixing.

## Consumption

- Mix 0.26 gal (1 liter) of accelerator per 55.12 lb (25 kg) of polyurethane membrane.

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## Presentation and Colors

- Color: Yellowish or dark brown; darkens upon exposure to light.
- Packaged in cardboard boxes containing 12 metal containers of 0.26 gal (1 liter) each.

## Container Stability

12 months in a dry place between (5°C and 25°C).

## Transportation, Preventive measures and Storage

Refer to the safety data sheet.

*The information provided serves as a recommendation based on laboratory tests and our current knowledge. Different conditions on construction sites may result in variations from the given information; therefore, our warranty is limited to the supplied product. For any questions, please contact our technical department.*

## Technical Data of the Liquid Product

CONCEPTS	RESULTS
Specific Weight	56.2–62.4 lb/ft <sup>3</sup> (0.90–1.00 g/cm <sup>3</sup> )
Appearance	Transparent liquid

## Technical Data of the Membrane

TEMPERATURE	TOUCH DRY	WALKABLE	RECOATING TIME
86 °F (30 °C)	2h	3h	3 a 24h
68 °F (20 °C)	4h	6h	6 a 30h
50 °F (10 °C)	8h	12h	12 a 48h
41 °F (5 °C)	20h	>24h	30 a 72h

ACCESSORIES

For more information about our products and systems, as well as technical documentation downloads or safety data sheets, please visit our website or contact us.

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