



# Rhinofloor<sup>®</sup> HBE - Accelerator

## PRODUCT DESCRIPTION:

- Non-Amine based accelerator for 'Drop-in' use with 2k 100% Solvent-free Epoxy coating systems
- (Eg. Rhinofloor HBE)

## RECOMMENDED USE:

- To improve the rate of cure of 'Polyamine-based' 2k 100% Solvent-free Epoxy coating systems – particularly at low temperatures.

## TECHNICAL INFORMATION:

- RHINOFLOOR HBE ACCELERATOR is added to increase the rate of hardening of 2k 100% Solvent-free Polyamine-cured epoxy coating systems. Typically it is added during periods of low temperature, just prior to use.
- RHINOFLOOR HBE ACCELERATOR will also reduce the potlife of the product when mixed, and material that has been modified with RHINOFLOOR HBE ACCELERATOR should be clearly identified.
- Mix only the quantity required for the job. The RHINOFLOOR HBE ACCELERATOR should be added to the mixed Rhinofloor HBE Pack A & B & C material at no more than 10% (v/v) based on Pack B hardener component. (eg. Maximum addition of accelerator is 500ml of accelerator to 16 litres of mixed Rhinofloor HBE Pack A & B & C material) – Please note that if this maximum accelerator addition is increased, the pot-life will be lessened to an extent where both application and aesthetic characteristics will be compromised. Please refer Wagon Paints Technical Department for further information.
- DO NOT work out of buckets / trays once this material has been incorporated into mix – We highly recommend pouring on floor, then spreading with squeegee and then back-rolling, to obtain an even aesthetic appearance.
- The use of the RHINOFLOOR HBE ACCELERATOR may also cause some darkening / yellowing, and a reduction in gloss level, in some colours / shades. Please refer Wagon Paints Technical Department for further information.
- **The use of the RHINOFLOOR HBE ACCELERATOR in conjunction with the RHINOFLOOR HBE FAST Pack B may still not fully attenuate "Water-spotting" issues when applied in very cold conditions (Eg. Winter). Therefore, we highly recommended that Rhinofloor Polyurethane topcoats, (such as Rhinothane T Rollgrade or Rhinofloor AG) be applied to the specified system, to eliminate the likelihood of the "Water-spotting" phenomena. Please refer Wagon Paints Technical Department for further information.**

## ADDITION RATE:

- The curing effect of RHINOFLOOR HBE ACCELERATOR is related to the percentage (%) added to the mixture (Per 16lt kit)

3.5% (v/v) accelerator addition	Based on (5lt) Pack B hardener component	175.00ml	(Potlife 30min @ 21°C)
5.0% (v/v) accelerator addition	Based on (5lt) Pack B hardener component	250.00ml	(Potlife 25min @ 21°C)
7.5% (v/v) accelerator addition	Based on (5lt) Pack B hardener component	375.00ml	(Potlife 20min @ 21°C)
10.0% (v/v) accelerator addition	Based on (5lt) Pack B hardener component	500.00ml	(Potlife 15min @ 21°C)

*RHINOFLOOR HBE ACCELERATOR is not recommended for products with good low temperature curing properties and short potlife.*

## PACKING:

- 500 ml "Epon-lined" cans & lids.

## HEALTH AND SAFETY:

- RHINOFLOOR HBE ACCELERATOR requires certain minimum standards of handling, storage and use.
- Consult Material Safety Data Sheet for specific guidelines and also observe handling instructions for relevant product once the RHINOFLOOR HBE ACCELERATOR has been added.

Authorised: J. Skangos - Technical Manager August 2023

These technical data and recommendations are based on tests and information believed to be accurate at the time of printing. They should not be construed as containing any warranty, either expressed or implied. Users should conduct their own tests to determine final suitability of this product.

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