



Rhinofloor® 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) – Adding maximum addition of accelerator may cause a gloss reduction in the epoxy film and may be detrimental to intercoat adhesion characteristics of successive topcoats. 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)

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|----------------------------------|------------------------------------------|----------|------------------------|
| 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 July 2024

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