# Acrydur® 332/V (GB)

High viscosity plasticized prefilled synthetic resin coating
Ready to use for the production of interpenetrating coatings

**Application:** Thanks to its elasticity, Acrydur® 332/**V** is perfectly suitable as a wearing course after the application of Acrydur® 332/**Z** (intermediate layer). It can be used for dynamically loaded interiors (kitchens, production areas) as well as for thermally loaded outdoor areas (parking decks, terraces).

**Properties:** Acrydur® 332 coatings remain flexible and abrasion resistant, even at low temperatures. Acrydur® 332/V has excellent deviation properties.

**Characteristics:**

| Property | Measuring method | Approx. value |
|---|---|---|
| Density at 20°C | DIN 51757 | 1.3 g/cm³ |
| Flashpoint | DIN 51755 | 10 °C |
| Shelf-life | dark at < 20 °C, 1 month maximum | |
| Form of delivery | liquid, grey | |
| Bundle | 25 kg, 10 kg pails | |

**Initiator/Hardener:** Hardening powder 50W (BPO), depending on temperature

**Consumption per mm ~**

| | |
|---|---|
| Acrydur® 332/V | 1.0 kg |
| Quartz sand 0.06-0.2 mm | 0.5 kg |

Production of the mixtures takes place immediately before processing by providing the binding agent and adding hardener powder. Mixing time with double agitator is approximately 1 to 2 minutes. Thin layer thicknesses and/or high fill levels deteriorate the deviation properties and the resin's properties. To increase compressive strength and grip, the uncured coating is being broadcast to complete saturation with quartz sand or colour quartz sand (e.g. 0.4-0.8mm or 0.6-1.2 mm). After curing, the surface must be sealed with Acrydur® 528 (exterior) pigmented or clear with Acrydur® 526. In interiors, we recommend a first sealing with Acrydur® 418, transparent ~ 0.6 – 0.8 kg/m², before another sealing with Acrydur® 526 ~ 0.3 to 0.4 kg/m² is applied. We recommend layer thickness of >3mm!



**Plasti Chemie International GmbH**
Falgardring 1
D – 08223 Falkenstein / Germany
Telefon: +49 (0) 37 45 / 744 32-0
Telefax: +49 (0) 37 45 / 744 32-27
Email: info@plasti-chemie.de
Internet: www.plasti-chemie.de

# Acrydur® 332/V (GB)

High viscosity plasticized prefilled synthetic resin coating
Ready to use for the production of interpenetrating coatings

PLASTI CHEMIE International GmbH

## Suggested formulation:

| |
|---|
| 5 L Acrydur® 332/V |
| 2.5 L Quartz sand 0.06 – 0.2 mm |
| 0.125 L Hardener 50W (20°C) |

## Pot life and curing times depending on temperature:

| Temperatur [°C] | Hardener [Vol%] | Hardener [wt%] | Pot life [min] | Curing time [min] |
|---|---|---|---|---|
| + 5 | 2.6 | 1.7 | ca. 20 | ca. 60 |
| + 10 | 2.3 | 1.5 | ca. 15 | ca. 45 |
| + 20 | 2.0 | 1.3 | ca. 10 | ca. 40 |
| + 30 | 1.6 | 1.0 | ca. 10 | ca. 30 |

- Hardener quantity calculated for Acrydur® 332/V
- Temperature refers to resin, surface and air temperature

**Advice:** Do not apply the next coat until the previous coat is completely cure. For works below - 0°C, the use of accelerator B101 is necessary. (see data sheet!)

**Storage:** The regulations for highly flammable materials apply for methacrylic resins. Acrydur® resins should be stored cool, away from direct sunlight and preferably at temperatures between 15-20 °C. Paraffin fractions and fillers may precipitate during storage. Stir all containers well before use!



**Plasti Chemie International GmbH**
Falgardring 1
D – 08223 Falkenstein / Germany
Telefon: +49 (0) 37 45 / 744 32-0
Telefax: +49 (0) 37 45 / 744 32-27
Email: info@plasti-chemie.de
Internet: www.plasti-chemie.de

# Acrydur® 332/V (GB)

High viscosity plasticized prefilled synthetic resin coating
Ready to use for the production of interpenetrating coatings

**Industrial safety:**

Provide adequate ventilation during work. During processing, observe the regulations of the Hazardous Substances Ordinance, the instructions of the Federal State Committee for Occupational Safety and Safety Technology (LASI), and our safety data sheets.

**VbF:** A I

**GISCODE:** RMA 10

**HS-Code:** 3208 2010

## CE-labelling

| CE | |
|---|---|
| Plasti Chemie Produktionsgesellschaft mbH • Falgardring 1 • 08223 Falkenstein • Germany | |
| EN 13813, SR-B2, 0-AR0, 5-IR12 | |
| Acrydur® 332V | |
| Synthetic resins for internal uses<br>(Application in accordance with the newest technical information) | |
| Reaction to fire: | $E_{fl}$ |
| Wear resistance (Abrasion Resistance): | AR 0.5 |
| Impact resistance: | IR 12 |
| Tensile bond strength: | B 2.0 |

Data concerning our products and devices as well as concerning our data and procedures are based on an extensive research work and an application technology experience. We obtain these results, with which we do not take over adhesion going beyond the respective single contract, in word and writing after best knowledge, reserve ourselves we however technical changes in the course of the product development. That does not relieve the user however to examine our data and recommendations before their use responsible for the own use. That applies also regarding the keeping of patent rights third as well as for applications and procedures, which are not expressly in writing indicated by us.



**Plasti Chemie International GmbH**
Falgardring 1
D – 08223 Falkenstein / Germany
Telefon: +49 (0) 37 45 / 744 32-0
Telefax: +49 (0) 37 45 / 744 32-27
Email: info@plasti-chemie.de
Internet: www.plasti-chemie.de