

ARBOFLEX[®] PU SLIP RESIST

PLASTIC GRANULES FOR ANTISLIP FINISH

ARBOFLEX PU SLIP RESIST is a micronised plastic (polyamide) for texturing polyurethane resins, to achieve slip resistant flooring surfaces.

PRODUCT APPLICATION

- To achieve slip resistance by mixing with ARBOFLEX PU.

consumption	5 ~ 8 % depending on the texture
medium size of particle	125 µm (0.125 mm.)

PRODUCT FEATURES

- ARBOFLEX PU SLIP RESIST is a coarse powder for producing significant surface texturing. The nature and degree of texturing depend on the applied film thickness and the ratio of texturing agent to binder.
- To mix with ARBOFLEX PU PROTECT range of aliphatic resins.
- This allows the optical and functional properties of a surface to be tailored to specific applications.
- Conforming to norm ENV 12633: (floors slipperiness), to achieve Class 3 (>45 slip resistance), depending on dosage (consult our technical department).
- Depending on the formulation ARBOFLEX PU SLIP RESIST may sediment during storage of the coating. In such cases, employing an anti-settling agent is necessary.
- The thermal stability is influenced by the binder and also depends on the duration of exposure. Experiments must be undertaken to determine the thermal stability if long-term exposure to temperatures of more than 140 °C is expected.
- ARBOFLEX PU SLIP RESIST can be used in both solvent-based and solvent-free coatings, and also in water-based coating systems. The areas of application include decorative coatings and slip resistant coatings.
- ARBOFLEX PU SLIP RESIST is resistant to most customary solvents, but this should be checked when testing the overall coating formulation.

PACKAGING

Metal tins of 2 kg.

SHELF LIFE

ARBOFLEX PU SLIP RESIST can be stored for at least 24 months at room temperature under dry conditions.

APPLICATION METHOD

The application method of ARBOFLEX PU SLIP RESIST is:

- Mix the desired dosage in the A component of ARBOFLEX PU PROTECT. The amount to be added in each case will depend on the desired or required texture of the project. This action can be performed by a speed-stirrer. It does not require the use of added agents, even if water-based systems are used. Perform this action until the mixture is homogeneous.
- In systems containing PIGMENTS, texturing agents must be added after grinding.

HANDLING

According to Regulation (EC) No. 1272/2008, ARBOFLEX PU SLIP RESIST is not classified as a dangerous product and therefore does not need to be labeled as such. Due to the powdery nature of the product, measures for dust protection must be heeded and the build-up of electrostatic charge must be avoided.

Consult the material and safety data sheet of the product (MSDS).

PHYSICAL DATA

- appearance: white powder
- bulk weight: ± 640 g/l
- density: $\pm 1,22$ g/cm³
- melting range: ± 150 -160 °C particle size:
 - d₅₀ ± 150 μ m,
 - d₉₀ ± 225 μ m,
 - d_{99,9} ± 280 μ m

Both the information and the product descriptions contained in this publication have been compiled to the best of our knowledge and belief based on our prior experiences and tests. Claims for compensation may not be derived from the same. We reserve the right to make improvements to our product range, in accordance with our high standards in relation to technical advancement and the progression of quality.



CARLISLE® Construction Materials Ltd.

United Kingdom

Lancaster House | Concorde Way
Millennium Business Park | Mansfield

Nottinghamshire | NG19 7DW
United Kingdom

T +44(0)1623 62 72 85
F +44(0)1623 65 27 41

E info.uk@ccm-europe.com
www.ccm-europe.com

CARLISLE
CM EUROPE