WACKER® ANCHORAGE ADDITIVE HF 87

Anchorage Additives

WACKER® ANCHORAGE ADDITIVE HF 87 is a solvent-free, reactive silane mixture. Applied with addition-crosslinking DEHESIVE® - or ELASTOSIL®-systems it increases the adhesion to the substrate. The ruboff resistance of the cured silicone coating is improved significiantly .

Properties

- improved anchorage to unprimed PET-films
- very effective with emulsion-based, solvent-based and solvent-free DEHESIVE® or ELASTOSIL® - systems
- very effective as textile priming in aqueous solution
- improved adhesion to almost all kinds of textiles

Specific features

- Additive
- Solvent-free

Technical data

General Characteristics

Property	Condition	Value	Method
Appearance	-	clear, colorless to yellow, oily liquid	-
Density	25 °C | 1013 hPa	1.10 g/cm^3	-
Flash point	-	110 °C	ISO 3679
Ignition temperature	-	260 °C	EN 14522
Odor	-	Acetic smell	-
Viscosity, dynamic	25 °C	4 - 5 mPa·s	DIN 51562

These figures are only intended as a guide and should not be used in preparing specifications.

Protect against moisture.

Applications

- Release Coatings

Application details

WACKER® ANCHORAGE ADDITIVE HF 87 significiantly improves the anchorage of solvent-based, emulsion-based and solvent-free addition-curing silicones on unprimed PET-films and all kinds of textiles. It mixes perfectly with the the Dehesive ® or Elastosil® formulations. The standard concentration in these systems is 0.5 – 2 wt %.
Combined with HTV silicones, a better anchorage can be obtained by priming the textile with an aqueous solution of WACKER® ANCHORAGE ADDITIVE HF 87. The standard concentration for this application is 4 wt %.

Processing
In mixtures with addition-cross-linking silicones the addition of WACKER® ANCHORAGE ADDITIVE HF 87 might influence the reactivity of the system. The extent of this effect has to be determined individually and depends on the amount of added WACKER® ANCHORAGE ADDITIVE HF 87. Furthermore, a viscosity increase can be observed upon the addition of WACKER® ANCHORAGE ADDITIVE HF 87 into liquid silicone systems. All standard mixing devices are suitable to mix WACKER® ANCHORAGE ADDITIVE HF 87.

Packaging and storage

Storage

The 'Best use before end' date of each batch is shown on the product label. Storage beyond the date specified on the label does not necessarily mean that the product is no longer usable. In this case however, the properties required for the intended use must be checked for quality assurance reasons.

Safety notes

Reaction with atmospheric moisture produces acetic acid, which is responsible for any strong odor or corrosive effect that may develop. Avoid contact with the skin. Cured silicone formulations containing WACKER® ANCHORAGE ADDITIVE HF 87 exhibit no skin irritation potential.
Comprehensive instructions are given in the corresponding Material Safety Data Sheets. They are available on request from WACKER subsidiaries or may be printed via WACKER web site http://www.wacker.com.

QR Code WACKER® ANCHORAGE ADDITIVE HF 87

For technical, quality or product safety questions, please contact:

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