

# DEHESIVE<sup>®</sup> ADDITIVE R4



## Functional Silicone Fluids

DEHESIVE<sup>®</sup> ADDITIVE R4 is a Silicone additive designed to lower the release force of WACKER DEHESIVE<sup>®</sup> coating systems. It can be mixed in most of the DEHESIVE<sup>®</sup> systems. Due to this it can be used on a wide range of different substrates. Even with low coat weight good release properties can be achieved.

## Properties

DEHESIVE<sup>®</sup> ADDITIVE R4 will reduce the release force of a coating system by slowly penetrating onto the surface. Release testing with different standard Tesa tapes show reduced release values. Customer should test the release using their adhesive to confirm these results prior to using.

- excellent release stability
- easy handling
- excellent thermal stability

## Specific features

- Additive
- Solvent-free

# Technical data

## General Characteristics

Property	Condition	Value	Method
Viscosity, dynamic	25 °C	approx. 200	-

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

All the information provided is in accordance with the present state of our knowledge. Nonetheless, we disclaim any warranty or liability whatsoever and reserve the right, at any time, to effect technical alterations. The information provided, as well as the product's fitness for an intended application, should be checked by the buyer in preliminary trials. Contractual terms and conditions always take precedence. This disclaimer of warranty and liability also applies particularly in foreign countries with respect to third parties' rights.

Comprehensive instructions are given in the corresponding Material Safety Data Sheets. They are available on request from WACKER subsidiaries or may be downloaded via WACKER web site <http://www.wacker.com>.

## Applications

- Release Coatings

## Application details

DEHESIVE® ADDITIVE R4 can be added into solvent based and solvent free DEHESIVE® polymer system to be used for coating of several substrates such as paper, film or others to reach ultra low release forces. WACKER recommends that it should be used in a 1-2% level in the coating formulation as a starting point. Actual use level may vary with the specific application.

### Processing

Recommended order of addition is to mix first the polymer with the crosslinker, blend well and add slowly the catalyst. Finally add the DEHESIVE® ADDITIVE R2 and mix properly. Blends with solvent free DEHESIVE® systems get typically slightly turbid which will disappear in the coating. For more instructions also see WACKER "DEHESIVE® Mixing instructions"

## 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

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 DEHESIVE® ADDITIVE R4



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

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