



Mycoflex Resyst Adhesive

Duromer adhesive for joint mouldings of the Mycoflex-Resyst-Systems

Product Properties

- Ready-to-use two-component epoxy-based duromer resin
- Easy to apply manually from double-chamber cartridges using the MC-Fastpack Power-Tool dispenser
- High degree of chemical resistance
- Thixotropic, stable, trowelable
- Good adhesion to dry to medium-damp mineral surfaces and dry, open-pored polymer foams
- Fast strength development

Areas of Application

- Adhesive for mouldings of the Mycoflex Resyst system for bonding mouldings to joint flanks and for bonding moulding transversal joints
- Formulated for adhesive bonding applications involving high demands on chemical resistance and small gap dimensions
- REACH-assessed exposure scenarios: Water contact periodic, inhalation periodic, application exposure

Application Instructions

Substrate Preparation

The surfaces to be bonded must be free of all loose material, dust, oil and other separating substances. Cement sludge at the surface should also be removed. Joint flanks should be diamond-cut with a wall chaser or similar joint cutting machine equipped with two diamond blades set in parallel at the required joint width. Chipped or otherwise irregular areas should be first reprofiled with a mineral or an epoxy resin mortar of sufficient strength. Ensure compliance with the operating instructions issued in respect of such products.

The surface tensile strength values of the substrate must comply with relevant technical specifications and standards.

Application Methods

First lay out the mouldings of the Mycoflex Resyst system at a dry location and adapt the lengths to the values required. Bevel-cut the mouldings at an angle of 60°. Attach the static mixer supplied to the cartridge, secure with the retaining cap nut and insert in the dispensing tool to extrude the adhesive. Adjust the operating pressure of the dispenser in accordance with the rate of extrusion required. If application should be interrupted for more than 10 minutes, replace the static mixer. Started cartridges can be sealed again with the original cap and re-used within a reasonably short time. First apply the adhesive along the upper edges of both joint flanks and immediately press the mouldings into the joint to a depth of approxi-

mately 10 mm. Then apply the adhesive to the cut edges of the profiles and spread evenly using, for example, a Japan spatula. The joint moulding should be pressed into the joint so that it is flush with the joint's upper edge. Remove any surplus adhesive while still fresh. The bevel-cut transversal joints between the mouldings should be covered over their full bonding area with adhesive in the same way and then fitted in place with a degree of pressure applied in the longitudinal direction of the joint.

Equipment Cleaning

All tools and equipment can be cleaned during the application period using MC-Verdünnung EP thinner. Material that has already reacted or cured can only be removed by mechanical means.

Further Information

The amounts applied/consumed will depend on the joint geometry and type of substrate involved, which means the consumption rates indicated should be regarded as guide values only. Chemical attack and the affect of light may lead to colour changes but will have no affect on application suitability.

Mycoflex Resyst adhesive is labelled in accordance with Germany's hazardous substances regulations (Gefahrenstoffverordnung). When using the product, ensure compliance with the instructions indicated on the supply containers and in the safety data sheets.



Technical Data for Mycoflex Resyst Adhesive

Characteristic	Unit	Value*	Comments
Mixing ratio	p.b.v.	2 : 1	Component A : Component B
Density	kg/dm ³	1.2	
Application Time	Minutes	approx. 20	
Consumption **	ml/m	approx. 100 - 150	Guide value for 45 mm joint depth
Consistency		Thixotropic	Firm up to 0.5 mm thick
Colour		Transparent	
Application conditions	°C	≥ 8 - ≤ 30	Temperature of air/material/substrate
	%	≤ 85	Relative humidity

Product Characteristics of Mycoflex Resyst Adhesive

Equipment Cleaning Agent	MC-Verdünnung EP (thinner)
Packaging	400 ml double-chamber cartridge with a volumetric ratio of 2:1; eight cartridges per a box with ten static mixers included
Shelf Life	At least 24 months, provided original packaging intact and unimpaired. Must be stored in a dry, cool place free of frost.
Container Disposal	Make sure containers are completely empty. Ensure compliance with our information leaflet "The MC Disposal Concept for Emptied Transportation and Sale Packaging". We will be glad to send you this on request.

* All technical values determined at +23 °C and 50 % rel. humidity.

** Consumption values will vary depending on the density and absorption capacity of the substrate involved. To determine job-specific consumption values, it is advisable to prepare trial areas.

Note: The information on this data sheet is based on our experiences and correct to the best of our knowledge. It is, however, not binding. It has to be adjusted to the individual structure, application purpose and especially to local conditions. Our data refers to the accepted engineering rules, which have to be observed during application. This provided we are liable for the correctness of this data within the scope of our terms and conditions of sale-delivery-and-service. Recommendations of our employees which differ from the data contained in our information sheets are only binding if given in written form. The accepted engineering rules must be observed at all times.

Edition 05/17. Some technical changes have been made to this print medium. Older editions are invalid and may not be used anymore. If a technically revised new edition is issued, this edition becomes invalid.