

Technical Information Sheet Article No. 1295

ACC H

Solvent-free, amine accelerator for
Epoxy PH Color and Epoxy ST 100.

Range of use

Through the addition of Remmers ACC H the drying times and curing rates of Epoxy PH Color and Epoxy ST 100 can be reduced.

Directions

Please mind suitable protective equipment on the job (q.v. personal protective equipment). ACC H is added to the hardener components of Epoxy PH Color or Epoxy ST 100. Remmers Epoxy PH Color or Epoxy ST 100 are then mixed and worked according to the directions given for working. The accelerated system can be worked unfilled or filled (up to a max. of 1:1 parts by weight with quartz aggregate). The maximum degree of filling for accelerated Epoxy PH Color / Epoxy ST 100 depends on the quantity of accelerator and the ambient temperature and can only be determined on site, e.g. on a trial area.

Working temperatures:

Substrate, material and air:
At least 8 °C, max. 30 °C

Higher temperatures and larger batches reduce working time; lower temperatures increase working time. Only for use in indoor areas.

Characteristic data of the product

Form/colour:	liquid, yellowish-transparent
Odour:	sharp amine odour
Density:	0.97 g/cm ³

Working guidelines

Foot traffic, light utilisation of accelerated coatings:

Epoxy PH Color*:

Addition of accelerator	Temperature		
	8°C	15°C	20°C
without	> 24 h	> 24 h	approx. 18 h
+ 2 %	> 24 h	approx. 14 h	approx. 7 h
+ 4 %	approx. 16 h	approx. 8 h	< 4 h

Epoxy ST 100*:

Addition of accelerator	Temperature		
	8°C	15°C	20°C
without	>32	32	24
+ 2 %	approx. 28	> 16	8
+ 4 %	approx. 18	9	4

The measured values were determined with conditioned materials under conditioned ambient temperatures in laboratory batches and may deviate from practice values on site. Used as a basis for mechanical loading capacity for D Shore hardness > 40 in the filled coating system.

System constituents

Remmers ACC H
Art. No. 1295

Remmers Epoxy PH Color
Art. No. 6961-6964

Remmers Epoxy ST 100
Art. No. 1160

Substrate

Depending on the case at hand, the substrate must be made pore-free by using a suitable primer or adhesion promoter. Further details on priming are found in the Technical Information Sheets for the respective primers.

Notes

Using Remmers ACC H increases the reactivity of Remmers Epoxy PH Color or Remmers Epoxy ST 100 and if the guidelines for working are not observed (e.g. dew point, working conditions), there may be problems with adhesion, trowel marks or spiked roller marks on the surface.

By accelerating Remmers Epoxy PH Color or Remmers Epoxy ST 100, properties, impact resistance and pot-life may change compared to non-accelerated material.

When applying to continuous surfaces, the material should always have the same quantity of accelerator to ensure uniform colour.

Not for use to accelerate other epoxy resin systems since system incompatibilities cannot be ruled out.

Personal protective equipment

Suitable nitrile-gloves, protection goggles and splash guard.

Further information is found in our tools programme.

Packaging, application rate, shelf-life

Packaging:

0.5 kg, 30 kg tin containers

Application rate:

Up to 4% by weight in relation to Epoxy PH Color/Epoxy ST 100

Shelf-life:

At least 12 months in original, closed and unmixed containers stored cool but frost-free.

Safety, ecology, disposal

Further information on safety when transporting, storing and handling as well as disposal and ecology is found in the latest Safety Data Sheet and the brochure "Expoxidharze in der Bauwirtschaft und Umwelt" of the German construction chemistry (2. issue, status 2009).

Emergency Information:

Mon.- Tues. from 7:30 a.m. to 4:00 p.m., Fri. from 7:30 a.m. to 2:00 p.m.

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The statements above are compiled from our field of production and according to the latest technological developments and application techniques.

Since application and working are beyond our control, no liability of the producer can be derived from the contents of this information sheet. Any statements made beyond the contents of this information must be confirmed in writing by the producer.

In all cases, our general conditions of sale are valid. With the publication of this Technical Information Sheet all previous editions are no longer valid.



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