

**COSMO® SP-710.110**

*** COSMOFEN RM

PVC repair mass**Examples for Application**

- Repair of cracks, wrong bores and other damages on PVC-hard sections

Special Properties

- Thixotropic, does not drip off
- Easy, safe and fast handling for processing / repairs
- hard, impact resistant adhesive joint

Technical Data**Mixture** COSMO® SP-710.110 (Component A COSMO® SP-711.110 + Component B COSMO® SP-712.110)

Basis	2-Component polymerisation resin based on acrylic resin
Colour hard-dry	approx. RAL 9016 Traffic white
Viscosity at +20 °C, immediately after mixing	low-viscous pasty
Mixing ratio parts by weight	powder : fluid = 13 : 6
Processing time of the mini sets at +20 °C	approx. 5 min
Can be ground at +20 °C	after approx. 25 min
Curing time at +20 °C, 50 % r. H. to approx. 90 %	approx. 120 min
Curing time at +20 °C, 50 % r. H. until it reaches the final strength	approx. 24 h
Processing temperatures adhesive and substrates	from +5 °C until +30 °C

Component A COSMO® SP-711.110

Colour	white
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Component B COSMO® SP-712.110

Colour	colourless
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General Information

The processing times become shorter at +30 °C to approximately half of the time, at +10 °C, they become longer to approx. double of the time.

PVC profiles shall only be repaired when they are clean and dry; Repairs shall not be performed with wet weather during the assembly!

The here specified time parameters can only be determined accurately by self-tests because they are strongly influenced by material characteristics, temperature, applied quantity, air humidity, material humidity, thickness of adhesive film, press power, and other criterions. Usually, appropriate safety factors are considered for the guiding values.

Preparation

Acclimatise the product before the application.

The position to be repaired is cleaned with COSMO® CL-300.140 SPECIAL. If necessary, the damaged surface is carefully reworked using a firmer chisel and possibly, existing metal chaff or similar is to be removed. If the profile has cracks, a triangular groove must be made using, for instance, a firmer chisel or a milling cutter!



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After it has been shaken strongly, the fluid component is filled completely in the container of the power component. After that, the mass is mixed to become homogeneous using the attached spatula and the damaged positions of the profile are filled within 5 minutes. Already after 25 min/at +20 °C, the filled position is ground using sanding paper with a grit designation of 240 and after that, it is finished with a grit designation of 400. After that, the surface is cleaned with COSMO® CL-300.140 SPECIAL and then, it is polished with COSMO® CL-300.110.

If required, the repaired surface can be retouched with (acryl lacquer) coloured pencils and with this, the colour of the profile surface can be adapted perfectly.

PMMA-co-extruded and film-laminated profiles can only be filled but not ground because their profile surfaces are very sensitive!

Important instructions

Only instructed personnel in specialist firms are allowed to use the product!

Our user instructions, processing guidelines, product- and performance data, and other technical statements are only general directives; they describe only the condition of our products (values, determination of values on the date of completion) and the performances do not represent a warranty in the sense of § 443 BGB. **Because of the wide variety of applications of the individual product and the relevant special conditions (e. g. processing parameters, material characteristics, etc.), it is up to the user to test it itself;** our free expert advice for application provided in speech, writing, and as test is nonbinding.

Please, also consider the Safety Data Sheet!

Cleaning

Remove the fresh, not cured adhesive from the surfaces and the tools using COSMO® CL-300.140 SPECIAL.

Cured adhesive can only be removed mechanically.

Storage

Store the hermetically closed original trading units in a dry place at temperatures of +15 °C to +25 °C no direct sun radiation.

While transported within the usual transport times, the product may be exposed to temperatures from -30 °C to +35 °C.

Storage life in unopened original packaging: 12 Months

Packaging

19 g Mini Set:

13 g screw can - powder component COSMO® SP-711.110

6 g glass bottle fluid component COSMO® SP-712.110

Other trading units on request.

Industrieverband
Klebstoffe e.V.