

Acrylic Sealing Compound 395

single-component, paintable, for exterior and interior use



www.blauer-engel.de/uz102

Field of application

For sealing connection joints with low movement in interior and exterior areas without constant exposure to moisture such as, e.g., on small and medium-sized windows, roller shutter boxes, window sills, interior doors, baseboards, etc. On substrates such as interior plaster (compressive strength category CS I – CS IV and B1–B7, compressive strength >1.5 N/mm²), exterior plaster (compressive strength category CS II and CS III, compressive strength >2 N/mm²), concrete, masonry, fiber cement and gypsum plasterboard. It is also suitable for gluing polystyrene hard foam.

Properties

- single-component
- nearly odorless
- plasto-elastic after drying
- non-corrosive when combined with metals
- for interior and exterior use
- coatable with all Brillux emulsion paints
- easy to apply and to clean

Material description

Colors	white, grey, brown
Material basis	Acrylate dispersion coatable polyacrylate
Density	approx. 1,61 g/ml
Elongation at break	200 % to DIN 3505/ISO 868
Young's modulus for 100% elongation N/mm²	0,70 N/mm ² to DIN 53504 S2
Shore A hardness	40 to DIN 53505/ISO 868
Stability	< 2 mm to ISO 7390
Tensile strength	0,7 N/mm ² to DIN 5354

Material description

Temperature resistance	-20 °C to +75 °C
Permissible total deformation	15 %
Packaging	310 ml-cartridge 320 ml-hose (white only)

Use

Substrate preparation	The surfaces to be bonded must be solid, dry, clean, load-bearing, and free of separating agents. Completely remove non-bearing layers. Cover the joint edges with masking tape. Prime the joint edges on highly absorbent substrates with Lacryl Deep Penetrating Primer ELF 595. Pre-fill deeper joints with a suitable foam material, e.g., Joint Gap Filling Cord 387, in accordance with BFS Leaflet No. 23.
Joint dimension	The joint depth should always be in the correct ratio to the joint width. As a general rule for the ratio between the joint depth and joint width, the ratio of 1:1 applies to a joint width of up to 10 mm with a minimum width and depth of 6 mm. This ratio amounts to 1:2 for joints that are wider than 10 mm with a minimum depth of 10 mm and maximum depth of 15 mm. Max. joint size 25 x 15 mm.
Application	Wear safety goggles and protective gloves. Cut open cartridge and screw on nozzle. Bevelcut tip of nozzle to match the width of the joint and insert cartridge in gun. When using hose bags, cut bag open at one end and insert it in gun. Evenly apply material under pressure in joint using Pressure Gun 1374. Open cartridges should be used up immediately. Smoothen surface using a moist tool before skin forms and remove adhesive tape. Remove any dirt using a moist cloth while material is still fresh. Avoid moisture impact on fresh filling until solid skin has formed.
Compatibility	Acrylic Sealing Compound 395 is coatable after curing with water-based, synthetic coating materials. The sealant that has been introduced shrinks during the curing process. This may result in cracking if the paint is applied too early. Due to the wide variety and difference between coating systems on the market, it is vital to perform tests for each individual case to assess the adhesion and processing result. When coating with matt emulsion paints, cracks can occur in the coating material due to the sealing compound's high elasticity. Coating the Acrylic Sealing Compound 395 with colored emulsion paints can result in discolorations in the coating.
Consumption	Consumption may be determined as follows: width of joint x depth of joint x length of joint. In the case of a joint crosssection of 5 x 5 mm, one cartridge will be sufficient for approx. 12.4 m. Determine exact consumption by means of a test application on the object to be coated.
Application temperature	Apply at air and object temperature of +5 °C to +40 °C.
Tool cleaning	Clean tools immediately after use with water. After curing, Acrylic Sealing Compound 395 can only be removed mechanically.

Drying (+20 °C, 65 % relative humidity)

Skin forming after approx. 10 minutes, surface dry after approx. 60 minutes. Curing (approx. 5 mm) after 10 days. Next coat can be applied after approx. 4 to 5 days. Protect joint against moisture impact before it is dry. Allow longer drying times at lower temperatures and/or higher air humidity.

Storage

Store in a dry place at a temperature between +5 °C and +25 °C Can be stored in an unopened original container for approx. 18 months.

Declaration

Product code Not assigned
Comply with the specifications in the current Safety Data Sheet.

Notes


Unsuitable substrates Not suitable for use on PE PE, PP, PC, PMMA, PTFE, soft plastics and neoprene or bituminous substrates.

Not for use with water exposure Not suitable for constant water exposure.

When using in exterior areas, take note of the following Only use in exterior areas under good, dry weather conditions. This must be ensured for at least 5 hours after application.

Further information Follow the instructions on the data sheets of the products used.

CE-Marking

 NB 1213 _____ Brillux GmbH & Co. KG Weseler Straße 401 D-48163 Münster 15 _____ DoP Nr.:0395-15651-02 EN 15651-1:2012 0395-15651-02 Typ F-EXT-INT 7,5 P _____ Joint sealant for facade elements	
Reaction to fire	Class E
Stability	≤ 3 mm
Volume loss	≤ 25 %
Adhesion/elongation behavior after immersion in water	> 25 %
Durability	passed

Remark

This Data Sheet is based on extensive development work and years of practical experience. The translation corresponds to the current German version, in compliance with the German laws, regulations, standards and guidelines. Its content does not constitute a contractual legal relationship. The user/buyer is not released from the responsibility of checking our products to ensure they are suitable for the intended application. In addition, our general terms of business apply.

When a new version of this Data Sheet with updated information is published, the previous version no longer applies. The current version is available on our website.

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