

PRODUCT DATA SHEET

Casco[®] Fire Acrylic

FIRE RESISTANT SEALANT FOR LINEAR JOINTS AND PENETRATIONS



DESCRIPTION

Casco[®] Fire Acrylic is a fire resistant, phthalate-free acrylic sealant.

USES

For joints and penetrations sealing in walls and floors. Inoor use only.

CHARACTERISTICS / ADVANTAGES

- Up to 4 hours fire resistance
- Overpaintable
- Provides acoustic insulation
- Low emissions
- Simple to apply with a smooth surface finish

APPROVALS / CERTIFICATES

- CE Marking and Declaration of Performance to EN 15651-1:2012 Sealants for interior application F INT.
- CE Marking and Declaration of Performance to ETA 19/0855 / EAD 350454-00-1104:2017 Fire stopping and fire sealing products, penetration seals.
- CE Marking and Declaration of Performance to ETA 18/1051/ EAD 350141-00-1106:2017 Fire stopping and fire sealing products, linear joint and gap seals.

PRODUCT INFORMATION

Composition	Acrylic dispersion
Packaging	310 ml cartridge 600 ml unipack
Colour	White
Shelf life	18 months from production date
Storage conditions	The product must be stored in original, unopened and undamaged sealed packaging in dry conditions at temperatures between +5 °C and +25 °C.
Density	~1,60 kg/l (ISO 1183-1)

TECHNICAL INFORMATION

Resistance to Fire	Refer to 'Approvals / Certificates', or contact Sika Technical Services for specific information.
Service Temperature	-20 °C min. / +70 °C max.

Joint Design	Refer to 'Approvals / Certificates', or contact Sika Technical Services for specific information.	
Backing Material	Refer to 'Approvals / Certificates', or contact Sika Technical Services for specific information.	
Sag Flow	~0 mm (20 mm profile, 50 °C)	(ISO 7390)
Ambient Air Temperature	+5 °C min. / +40 °C max.	
Substrate Temperature	+5 °C min. / +40 °C max., min. 3 °C above dew point temperature.	
Skimming time	~10 min (23 °C / 50 % r.h.)	(CPQ 019-1)

APPLICATION INSTRUCTIONS

SUBSTRATE PREPARATION

The substrate must be clean, dry, sound and homogeneous, free from oils, grease, dust and loose or friable particles. Casco® Fire Acrylic adheres without primers and/or activators.

APPLICATION METHOD / TOOLS

Contact Sika Technical Services for additional information.

CLEANING OF EQUIPMENT

Clean all tools and application equipment with water immediately after use. Hardened material can only be removed mechanically.

IMPORTANT CONSIDERATIONS

Limitations regarding dimensions and configuration described in the relevant fire resistance classification reports must be considered.

- Casco® Fire Acrylic can be overpainted. However, paints must first be tested to ensure compatibility by carrying out preliminary trials (e.g. according to ISO technical paper: Paintability and paint compatibility of Sealants).
- Colour variations may occur due to exposure to chemicals, high temperatures and/or UV-radiation (especially with the colour shade white). However, a change in colour is purely of aesthetic nature and does not adversely influence the technical performance or durability of the product.
- Do not use Casco® Fire Acrylic as glass sealer, for floor joints, sanitary joints, on natural stone, or for civil engineering applications.
- Do not use Casco® Fire Acrylic on bituminous substrates, natural rubber, EPDM rubber or on any building materials which might leach oils, plasticizers or solvents that could attack the sealant.
- Do not use Casco® Fire Acrylic for joints under water pressure or for permanent water immersion.

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BASIS OF PRODUCT DATA

All technical data stated in this Product Data Sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.

LOCAL RESTRICTIONS

Please note that as a result of specific local regulations the declared data for this product may vary from country to country. Please consult the local Product Data Sheet for the exact product data.

ECOLOGY, HEALTH AND SAFETY

For information and advice on the safe handling, storage and disposal of chemical products, users shall refer to the most recent Safety Data Sheet (SDS) containing physical, ecological, toxicological and other safety-related data.

LEGAL NOTES

The information, and, in particular, the recommendations relating to the application and end-use of Casco products, are given in good faith based on Sika's current knowledge and experience of the products when properly stored, handled and applied under normal conditions in accordance with Sika's recommendations. In practice, the differences in materials, substrates and actual site conditions are such that no warranty in respect of merchantability or of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any written recommendations, or from any other advice offered. The user of the product must test the product's suitability for the intended application and purpose. Sika reserves the right to change the properties of its products. The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users must always refer to the most recent issue of the local Product Data Sheet for the product concerned, copies of which will be supplied on request or on the website www.casco.eu.

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