BUILDING TRUST

PRODUCT DATA SHEET

Sikacrete®-630 Fire

FIRE RESISTANT LOAD BEARING PENETRATION COMPOUND

PRODUCT DESCRIPTION

Sikacrete®-630 Fire is a fire resistant gypsum based compound for load bearing penetration seals in floors and walls.

USES

- Vertical penetration seals of combustible and non-combustible services such as soil and vent pipes in fire compartment floors and walls.
- Can be combined with SikaSeal®-627 Fire Collar, SikaSeal®-628 Fire Wrap or SikaSeal®-629 Fire Wrap

CHARACTERISTICS / ADVANTAGES

- Excellent load bearing properties
- Self supporting in floor penetrations up to 1,8 x 1,8m
- Pourable and trowelable application
- Very fast setting, no loss of volume
- 1-part easy to mix, easy to apply
- Up to 2 hours fire resistance

ENVIRONMENTAL INFORMATION

- VOC emission classification GEV-EMICODE EC 1PLUS
- Conformity with LEED v4 EQc 2: Low-Emitting Materials

APPROVALS / STANDARDS

- CE Marking and Declaration of Performance to European Technical Assessment ETA 18/1053, based on EAD 350454-00-1104:2017 - Fire stopping and fire sealing products, penetration seals
- Fire Resistance Performance Classification EN 13501-2, Sikacrete®-630 Fire, warringtonfire, Classification report No. 401159/H

PRODUCT INFORMATION

Chemical Base	Gypsum based compound
Packaging	20 kg bag
Shelf Life	12 months from the date of production
Storage Conditions	The product must be stored in original, unopened and undamaged sealed packaging in dry conditions at temperatures between -20 °C and +25 °C. Always refer to packaging.

TECHNICAL INFORMATION

Resistance to fire	Refer to ‘Approvals / Certificates’, Sika Passive Fire Protection Handbook or contact Sika Technical Services for specific information.

Service Temperature	-20 °C min. / +70 °C max

APPLICATION INFORMATION

Yield	~6 bags per m² at 100 mm depth. This figure is theoretical and does not allow for any additional material due to surface porosity, surface profile, variations in level or wastage etc.
Layer Thickness	≥ 100 mm Refer to 'Approvals / Certificates', Sika Passive Fire Protection Handbook or contact Sika Technical Services for specific information.
Ambient Air Temperature	+5 °C min. / +40 °C max
Pot Life	~5 min (23 °C / 50 % r.h.)

APPLICATION

Refer to Sika Passive Fire Protection Handbook or contact Sika Technical Services for specific information.

CLEANING OF TOOLS

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

FURTHER DOCUMENTS

- Sika Method Statement: Sikacrete®-630 Fire
- Sika Passive Fire Protection Handbook
- Fire resistance classification reports

LIMITATIONS

- Limitations regarding dimensions and configuration described in the relevant fire resistance classification reports must be considered.
- Sikacrete®-630 Fire is not suitable for substrates subjected to constant humidity.
- Sikacrete®-630 Fire is not suitable for underground applications.

VALUE BASE

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 performance of this product may vary from country to country. Please consult the local Product Data Sheet for the exact description of the application fields.

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 Sika 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.

SIKA LIMITED
Watchmead
Welwyn Garden City
Hertfordshire, AL7 1BQ
Tel: 01707 394444
Web: www.sika.co.uk
Twitter: @SikaLimited

SIKA IRELAND LIMITED
Ballymun Industrial Estate
Ballymun
Dublin 11, Ireland
Tel: +353 1 862 0709
Web: www.sika.ie
Twitter: @SikaIreland