

# ALFA STRIP F/FC

*Intumescent seals*

## TECHNICAL DATA SHEET



### PRODUCT DESCRIPTION

The **ALFA STRIP F** and **ALFA STRIP FC** (with adhesive layer) gaskets are made of graphite-based material. When exposed to high temperatures, the material swells and increases in volume. The expanding product prevents the spread of fire through joints and gaps in fire doors.

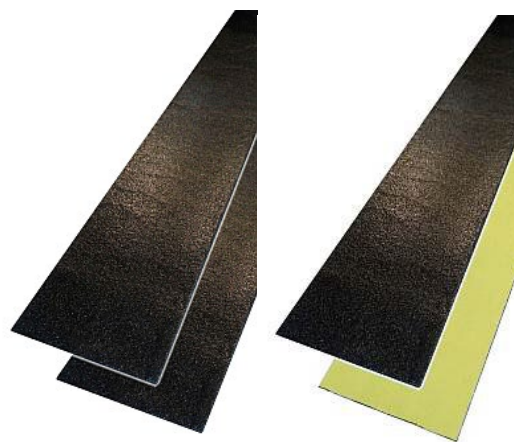
### INSTALLATION

- 1) Vacuum the bonding surface and then degrease it with IPA (isopropyl alcohol / isopropanol min. 90%).
- 2) Install the seal around the door in the previously prepared milled grooves.  
**ALFA STRIP F:** Using our own bonding technology, carefully fit the seal into the milled grooves along its entire length.  
**ALFA STRIP FC:** Remove the protective layer from the adhesive tape, align the seal and press it firmly into the previously prepared milled grooves along its entire length.

Do not cut the seals after sticking them to the surface.

### AVAILABILITY

| Product       | Thickness [mm] | Width [mm] | Length [m]   | Delivery form |
|---------------|----------------|------------|--------------|---------------|
| ALFA STRIP F  | 2              | 10 ÷ 58    | 10 ÷ 200     | 1 pcs.        |
| ALFA STRIP FC | 2              | 10 ÷ 58    | 50 /100 /200 | 1 pcs.        |



### TECHNICAL DATA

|                               |                                                 |
|-------------------------------|-------------------------------------------------|
| Colour                        | BLACK                                           |
| Self-adhesive tape            | ALFA STRIP F: NO<br>ALFA STRIP FC: YES          |
| Thickness [mm]                | 2,0                                             |
| Width [mm]                    | ALFA STRIP F: 10 ÷ 60<br>ALFA STRIP FC: 15 ÷ 60 |
| Length [m]                    | 50; 100; 200                                    |
| Density [g/cm³]               | 1,2 ± 15%                                       |
| Swelling temperature [°C]     | ~140                                            |
| Swelling factor               | ≤ 35,97                                         |
| Swelling pressure [N/mm²]     | ~0,815                                          |
| Fire resistance               | Max 60 min                                      |
| Thermal conductivity λ [W/mK] | 0,4049                                          |

### COMPLIANCE

Fire test report for doors:

**LZP43-02580/16/Z00NZP**

Bulging pressure report:

**LZP48-2580/16/Z00NZP**

Bulging height report:

**LZP09-2580/16/Z00NZP**

Thermal conductivity test report:

**LZF00-03116/20/Z00NZF**

### TRANSPORT AND STORAGE

Transport and store in a dry and cool place at a temperature between +5°C and +35°C.