

# Multisealant GR

Firestop Intumescent Graphite



Product Data Sheet

**MULCOL**  
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**Fire resistance**  
≤ 240 minutes



**Acoustic insulation**  
Rw 55 dB



**Working life**  
30 years

## Firestop Intumescent Graphite

Multisealant GR is a graphite-based sealant that foams and insulates when heated up for the fire-resistant sealing of gaps around cable and pipe penetrations. In the event of fire, this sealant prevents fire and smoke from spreading through fire-resistant walls and floors. Multisealant GR was developed to seal inaccessible penetrations and for places where traditional fire-resistant sealants are insufficient, for instance in the case of large plastic pipes.

Multisealant GR forms part of the Mulcol® Penetration Seal System.

### Advantages

- ✓ Fire resistance ≤ 240 minutes
- ✓ CE-certified
- ✓ High acoustic insulation
- ✓ Environmentally and user-friendly
- ✓ Quick and easy application
- ✓ Fast-drying and limited shrinkage
- ✓ Halogen-free
- ✓ Working life of 30 years

### Applications

- ✓ Solid walls, stone and wood
- ✓ Solid floors, stone and wood
- ✓ Lightweight partition walls
- ✓ Stone wool firewalls
- ✓ Cables, cable bundles, cable trays
- ✓ Meter box penetrations
- ✓ Plastic pipes
- ✓ Multilayer and metal pipes
- ✓ Gas and air-conditioning pipes

### Technical data

Colour	Dark gray (may get darker once hardened)
Shelf life	12 months in unopened packaging at a temperature between +5°C and +30°C
Application temperature	+5 °C to +30 °C
Temperature resistance	-15 °C to +75 °C
Fully hardened	3 to 5 days, depending on thickness and temperature
VOC content	< 1 g/L
Reaction to fire	Class E in accordance with EN 13501-1

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## Packaging

	Contents	Box	Pallet	Pallet	Article number
Cartridge	310 ml	12 pieces	128 boxes	1536 pieces	201012310

## Consumption table per cartridge of 310 ml

Joint width	10 mm	15 mm	20 mm	25 mm	30 mm	40 mm	50 mm	60 mm	80 mm	100 mm
Joint depth 12.5 mm	2.45 m <sup>l</sup>	1.65 m <sup>l</sup>	1.20 m <sup>l</sup>	1.00 m <sup>l</sup>	0.80 m <sup>l</sup>	0.60 m <sup>l</sup>	0.50 m <sup>l</sup>	0.40 m <sup>l</sup>	0.30 m <sup>l</sup>	0.25 m <sup>l</sup>
Joint depth 15 mm	2.05 m <sup>l</sup>	1.35 m <sup>l</sup>	1.00 m <sup>l</sup>	0.80 m <sup>l</sup>	0.65 m <sup>l</sup>	0.50 m <sup>l</sup>	0.40 m <sup>l</sup>	0.30 m <sup>l</sup>	0.25 m <sup>l</sup>	0.20 m <sup>l</sup>
Joint depth 25 mm	1.20 m <sup>l</sup>	0.80 m <sup>l</sup>	0.60 m <sup>l</sup>	0.50 m <sup>l</sup>	0.40 m <sup>l</sup>	0.30 m <sup>l</sup>	0.25 m <sup>l</sup>	0.20 m <sup>l</sup>	0.15 m <sup>l</sup>	0.10 m <sup>l</sup>

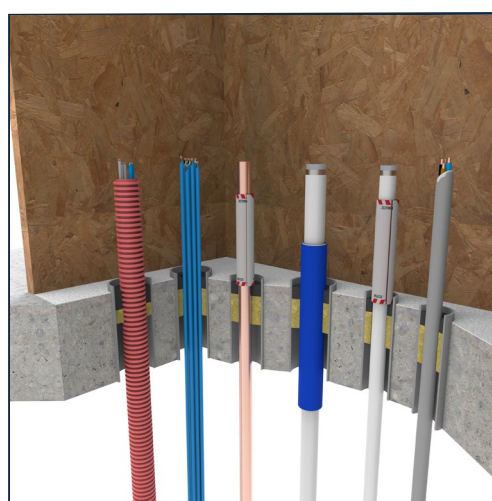
## Technical documents available

- ✓ Product Data Sheet (PDS)
- ✓ Technical Data Sheet (TDS)
- ✓ Safety Data Sheet (SDS)
- ✓ Installation Manual
- ✓ CE certificate
- ✓ Emission reports
- ✓ Acoustic report

## Approvals

- ✓ Tested in accordance with EN 1366-3
- ✓ Classification in accordance with EN 13501-2
- ✓ Certified in accordance with EAD 350454-00-1104
- ✓ ETA report 23/0055
- ✓ Declaration of Performance (DoP)

The above documents are available from your Mulcol contact or via [www.mulcol.com](http://www.mulcol.com)



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