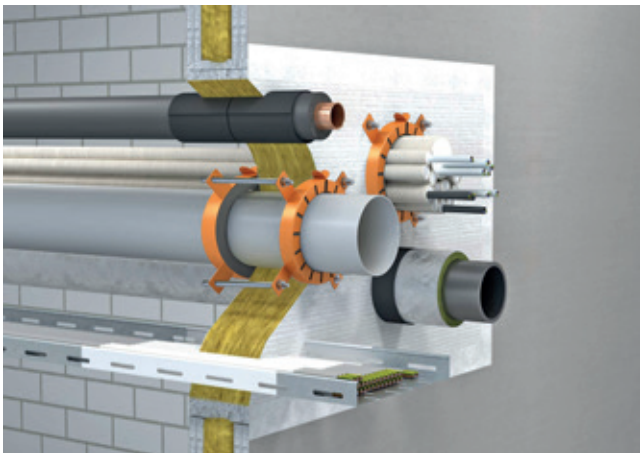


## FLAMRO® KSL Combi seal

Combination penetration seal made of mineral fibre boards (2x 50 mm) with ablative fire protection coating.



### Fire resistance class

max. EI 90 acc. to EN 13501-2

### Field of Application

- Plasterboard wall, solid wall, floor

### System data

<b>Certificate of usability</b>	ETA-16/0320	
<b>Thickness structural element</b>	Wall	≥ 94
	Floor	≥ 150
<b>Sealing thickness</b>	Wall	≥ 100
	Floor	≥ 150 (2 boards + air gap)
<b>Maximum sealing size</b>	Wall	1100 x 2200
	Floor	1000 x ∞

All specifications in mm

### Allowed services

Media lines		max. diameter*
	Cable	≤ 80
	Cable bundle	≤ 100 / ≤ 21
	Cable support structures	✓
	EIC Single	≤ 63 / ≤ 21
	EIC Bundle	≤ 125 / ≤ 63 / ≤ 21
	Combustible pipes <ul style="list-style-type: none"> <li>• PVC-U, PE-HD, PP</li> <li>• Geberit Silent PP</li> <li>• Geberit Silent Pro</li> <li>• Kekelit Phon EX AS</li> <li>• Pipelife Master 3</li> <li>• POLO-KAL NG</li> </ul>	≤ 160
	<ul style="list-style-type: none"> <li>• Conel Drain</li> <li>• Geberit Silent dB 20</li> <li>• Wavin SiTech+</li> <li>• POLO-KAL XS</li> <li>• Rehau Raupiano Plus</li> <li>• Rehau Raupiano light</li> <li>• Silenta Premium</li> </ul>	≤ 110
	Multilayer composite pipes <ul style="list-style-type: none"> <li>• Geberit Mepla</li> <li>• Rehau Rautitan Stabil</li> <li>• Kekelit Kelox multilayer composite pipes</li> </ul>	≤ 75 ≤ 40 ≤ 75
	Non-combustible pipes with mineral fibre insulation	≤ 160 (Steel) ≤ 88.9 (Copper)
	Non-combustible pipes with FEF insulation	≤ 88.9

\*All specifications in mm

Please contact us for further information:

✉ Information: [global@svt.de](mailto:global@svt.de)    Orders: [order@svt.de](mailto:order@svt.de)  
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## FLAMRO® KSL Combi seal

### Products



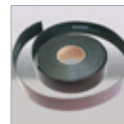
**FLAMRO® BML**  
**Fire protection coating**  
 Bucket of 5.0 kg - Art. no. 40050  
 12,5 kg Pail - Art. no. 40125  
 Bucket of 25.0 kg - Art. no. 40250



**FLAMRO® Variant N-RM**  
**Fire protection fabric**  
 Roll of 10 m x 100 mm self adhes.  
 Art. no. 15015



**FLAMRO® BS 50-1**  
**Mineral fibre board**  
**pre-coated on one side**  
 1000 x 625 x 50 mm – Art. no. 50050



**FLAMRO® KSL-W**  
**Fire protection fabric**  
 Roll of 10 m x 50 mm self adhes. - Art. no. 15510  
 Roll of 20 m x 50 mm self adhes. - Art. no. 15520



**FLAMRO® Variant N II A**  
**Fire protection collar**  
 32 mm - Art. no. 15032  
 40 mm - Art. no. 15040  
 50 mm - Art. no. 15050  
 63 mm - Art. no. 15063  
 75 mm - Art. no. 15075  
 90 mm - Art. no. 15090  
 110 mm - Art. no. 15110  
 125 mm - Art. no. 15125  
 140 mm - Art. no. 15140  
 160 mm - Art. no. 15160



**FLAMRO® BMS/BMK**  
**Fire protection filler**  
 Cartridge of 0.4 kg - Art. no. 30004  
 Bucket of 5.0 kg - Art. no. 10500  
 12,5 kg Pail - Art. no. 10125

### Material consumption

#### FLAMRO® BML

Maximum sealing size [m²]	Allowed services		
	0 %	30 %	60 %
0.01	0.26	0.29	0.32
0.02	0.41	0.46	0.51
0.03	0.53	0.59	0.66
0.05	0.73	0.81	0.90
0.10	1.22	1.35	1.50
0.20	0.82	2.03	2.25
0.30	2.43	2.70	3.00
0.50	3.65	4.05	4.50
1.00	6.20	6.89	7.65

Circa values in kg