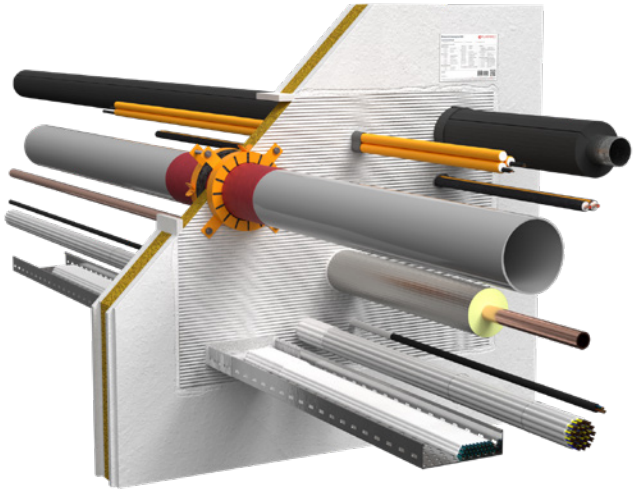
System KSL single layer

Mixed penetration sealing system made of a single mineral fibre board (1 × 60 mm) with an ablative coating



Fields of application

- plasterboard walls, solid walls, solid floors, timber walls and floors, sandwich panel walls

System data

Certificates of usability		KB 321100704-A KB 321100703-A KB 322042005-A KB 323032803-A KB 322081804-A
Component thickness	plaster board wall	≥ 100
	solid wall	≥ 100
	solid floor	≥ 150
	timber wall	≥ 100
	timber floor	≥ 140
	sandwich panel wall	≥ 100
Sealing thickness	all building elements	≥ 60
Maximum sealing size	plasterboard and solid wall	≤ 2000 × 1224 or ≤ 1224 × 2000
	solid floor	≤ 10 000 × 1000
	timber wall	600 × 1000 oder 1000 × 600
	timber floor	600 × 1000
	sandwich panel wall	1000 × 1000

All specifications in mm

Fire resistance class

EI 30 – EI 60 (maximum EI 90) in accordance with EN 13501-2

Allowed services

Services			max. diameter*
	Cables		≤ 80
	Cable bundles		≤ 100 / ≤ 21
	Cable trays		✓
	Empty plastic/steel pipes		≤ 16
	Coaxial cables and wave guides		≤ 51.1
	EIC (plastic)	single	≤ 32
		bundled	≤ 100
	speedpipes		bundle ≤ 40; single pipe ≤ 14
	Non-combustible pipes with insulation made of mineral wool		≤ 219.1 (steel) ≤ 88.9 (copper)
	Non-combustible pipes with FEF insulation		≤ 219.1 (steel) ≤ 88.9 (copper)
	Non-combustible pipes with PIR insulation		≤ 219.1 (steel) ≤ 108.0 (copper)
	Combustible pipes		≤ 160
	Multilayer pipes		≤ 75
	HVAC split line combinations		✓

*All specifications in mm

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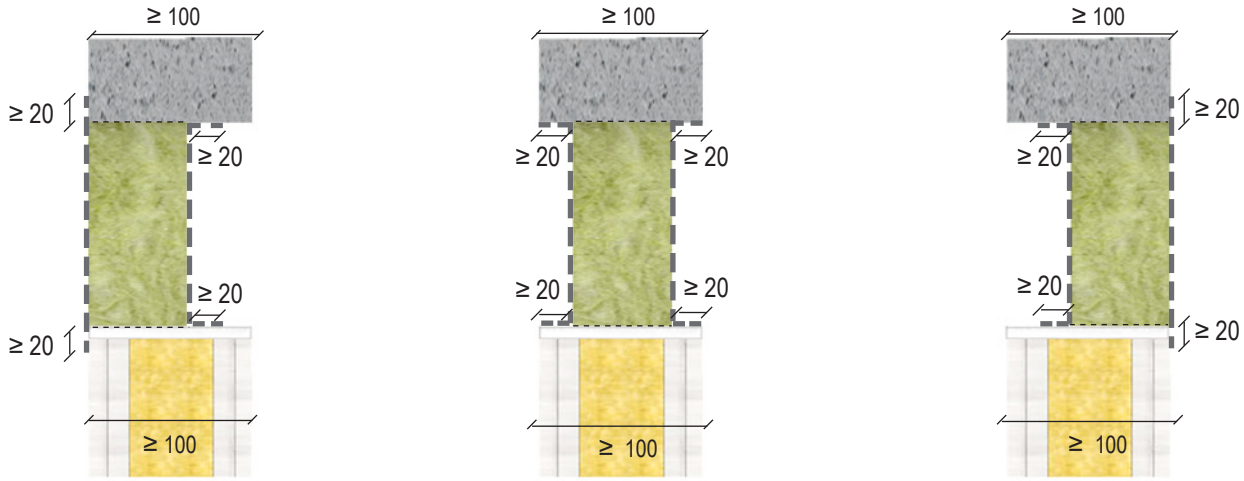
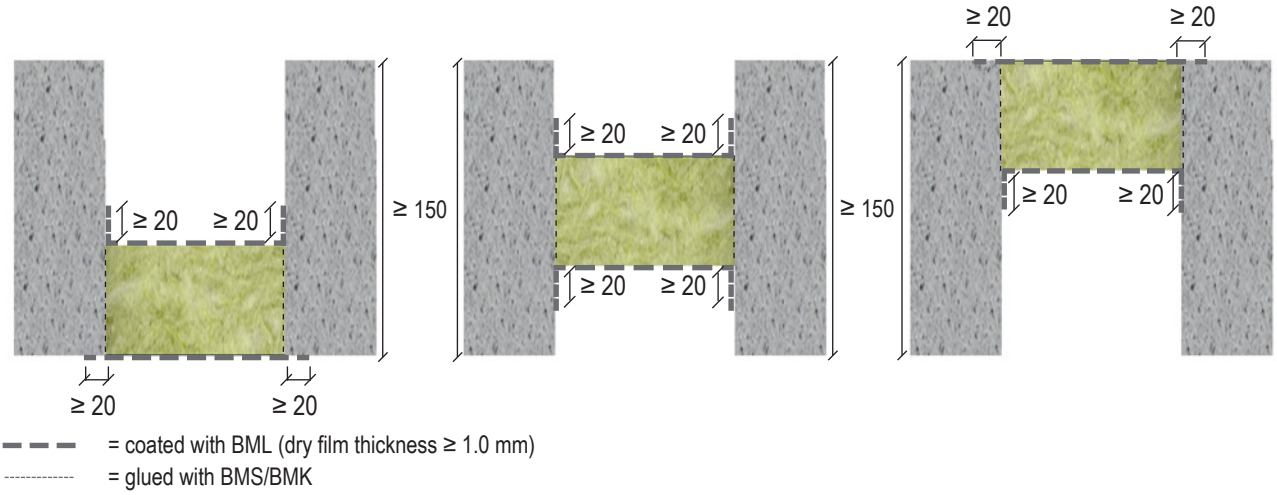
System KSL single layer

Design variants

Plasterboard wall and solid wall



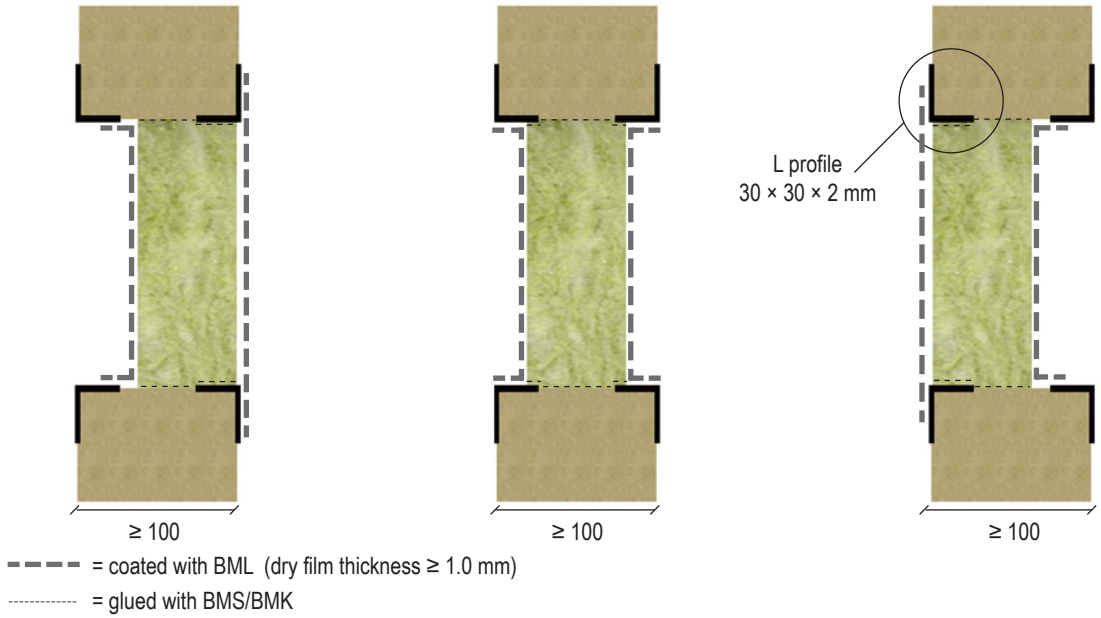
Solid floor



System KSL single layer

Timber wall and floor

Sandwich panel wall



All specifications in mm

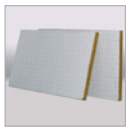
System KSL single layer

Products

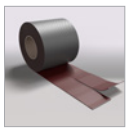
BML fire stop compound
5 kg pail – Art. no. 40050
12.5 kg pail – Art. no. 40125

BMS fire stop filler
5 kg pail – Art. no. 10500
12.5 kg pail – Art. no. 10125

BMK filler
0.4 kg cartridge – Art. no. 30004



BSL mineral fibre board
Pre-coated on both sides with BML fire stop compound (dry film thickness = approx. 1.0 mm)
Dimensions 1000 × 625 × 60 mm –
Art. no. 52036



NBR-plus fire protection wrap
Roll à 10 m x 125 mm
(separable into 2 × 62.5 mm)
– Art. no. 01261941

Variant N II A
fire protection collar
Ø 32–160 mm – Art. no. 15032–15160

KSL-W
fire protection wrap
Roll à 20 m × 50 mm self-adhesive
– Art. no. 15520
Roll à 10 m × 100 mm self-adhesive
– Art. no. 15530