

System Novasit BM

Mixed penetration sealing system made of fire protection mortar – for a great variety of services



System Data

Certificate of usability		ETA-16/0132
Thickness structural element	wall	≥ 150
	floor	≥ 150
Sealing thickness	wall	≥ 150
	floor	≥ 150
Maximum sealing size	wall	1200 × 2000
	floor	1200 × 2000

All specifications in mm

Fire Resistance Class

max. EI 120 in acc. with EN 13501-2

Field of Application

- solid wall, floor

Allowed Services

		max. diameter*
	Cables	≤ 80
	Cable bundles	≤ 100 / ≤ 21
	Cable trays	✓
	EIC single	≤ 100 / ≤ 50
	EIC bundles	≤ 100 / ≤ 32 / ≤ 21
	speedpipes	≤ 7 / ≤ 10 / ≤ 12
	max. Ø	≤ 323.9 (steel) ≤ 108.0 (copper)
	Non-combustible pipes with FEF insulation	≤ 170.0 (steel) ≤ 108.0 (copper)
	Combustible pipes	≤ 160.0
	Multilayer pipes	≤ 63.0
	HVAC split line combinations	✓
	Double solar pipes Nanosun ²	≤ DN 25
	HANSA-FLEX hydraulic hoses	≤ 55.9

*All specifications in mm

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Products



NOVASIT BM fire protection mortar
 20 kg bag – Art. no. 01161000
 10 kg pail – Art. no. 01161010



FLAMMOTECT-A filler
 12.5 kg pail – Art. no. 01155134
 310 ml cartridge – Art. no. 01155115



DG-CR 1.5 fire protection wrap
 Roll, 10 m × 125 mm – Art. no. 01261931



DG-CR BS fire protection wrap
 Roll, 10 m × 100 mm – Art. no. 01264931



AWM II fire protection collar
 Ø 32–400 mm
 Art. no. 01142032–01142400



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



CT Cable Tube
 consisting of CT Cable Tube and two flexible foam plugs
 Ø 60 mm / L 150 mm – Art. no. 01276101
 Ø 90 mm / L 150 mm – Art. no. 01279101
 Ø 90 mm / L 200 mm – Art. no. 01279201
 Ø 90 mm / L 300 mm – Art. no. 01279301
 Ø 120 mm / L 150 mm – Art. no. 01271151
 Ø 120 mm / L 200 mm – Art. no. 01271201
 Ø 120 mm / L 300 mm – Art. no. 01271301

Yield

NOVASIT BM

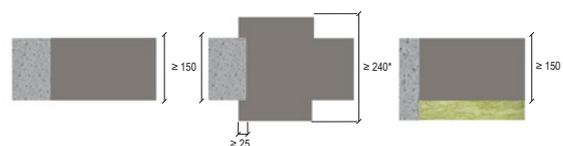
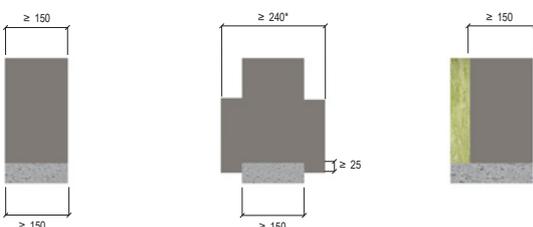
6–7 l water + 20 kg dry mortar
 ≈ 20 l ready-to-use wet mortar
 ≈ 20 l volume after hardening

Material consumption

Maximum sealing size [m ²]	Percentage of services		
	0 %	30 %	60 %
0.01	1.5	1.05	0.6
0.02	3.0	2.1	1.2
0.03	4.5	3.15	1.8
0.05	7.5	5.25	3.0
0.10	15.0	10.5	6.0
0.20	30.0	21.0	12.0
0.30	45.0	31.5	18.0
0.50	75.0	52.5	30.0
1.00	150.0	105.0	60.0

Approximate values in kg

Design variants



All specifications in mm