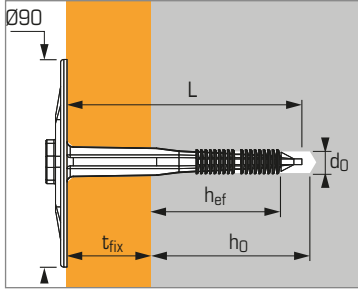
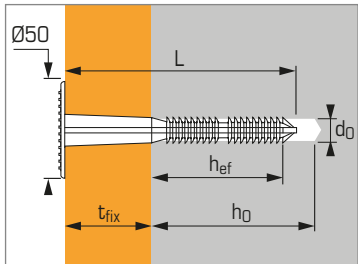




Anchor for fixing semi-rigid insulation



CB anchor



BR anchor

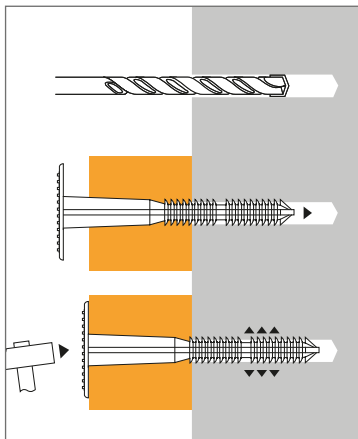
APPLICATION

- **SPIT CB** : Fixing semi-rigid insulation on solid materials
- **SPIT BR** : Fixing rigid insulation on solid materials

MATERIAL

- **CB anchor body**: polypropylene (anti U.V.) black
- **BR anchor body**: polypropylene

INSTALLATION



Technical data

Anchor size	Anchor depth (mm) hef	Insulation thickness (mm) t_{fix}	Drilling depth (mm) h₀	Drilling diameter (mm) d₀	Total anchor length (mm) L	Code	
						CB Head Ø90	BR Head Ø150
8X80/40-50	20-30	40 - 50	50	8	80	057690	057704
8X90/50-60		50 - 60			90	057691	057705
8X110/70-80		70 - 80			110	055720	057706
8X130/90-100		90 - 100			130	055730	057707
8X150/110-120		110 - 120			150	055740	057708
8X160/140		140			160	054864	-
8X180/160		160			180	054865	-
8X200/180		180			200	054866	-
8X220/200		200			220	054867	-
8X240/220		220			220	054868	-

Ultimate loads (N_{Ru,m}) in kN

TENSILE

Anchor size	CB	CB	BR
Base material	8X85/40-50 → 8X155/110-120	8X165/140 → 8X245/220	8X85/40-50 → 8X155/110-120
Concrete (C20/25)			
N _{Ru,m}	0,5	0,25	0,5
Clay bricks (f_c = 55 N/mm²)			
N _{Ru,m}	0,4	0,20	0,4
Solid concrete blocks B120 (f_c = 13,5 N/mm²)			
N _{Ru,m}	0,3	0,15	0,3
Aerated concrete (M_{vn} = 500 kg/m³)			
N _{Ru,m}	0,15	0,075	0,15

Design loads (N_{Rd}) and recommended loads (N_{rec}) for one anchor without edge or spacing influence in kN

$$N_{Rd} = \frac{N_{Ru,m}^{(1)}}{3,5}$$

(1) Derived from test results

$$N_{rec} = \frac{N_{Ru,m}^{(1)}}{5}$$

TENSILE

Anchor size	CB	CB	BR
Base material	8X85/40-50 → 8X155/110-120	8X165/140 → 8X245/220	8X85/40-50 → 8X155/110-120
Concrete (C20/25)			
N _{Rd}	0,14	0,071	0,14
N _{rec}	0,1	0,05	0,1
Clay bricks (f_c = 55 N/mm²)			
N _{Rd}	0,11	0,055	0,11
N _{rec}	0,08	0,04	0,08
Solid concrete blocks B120 (f_c = 13,5 N/mm²)			
N _{Rd}	0,08	0,04	0,08
N _{rec}	0,06	0,03	0,06
Aerated concrete (M_{vn} = 500 kg/m³)			
N _{Rd}	0,04	0,02	0,04
N _{rec}	0,03	0,015	0,03