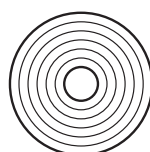
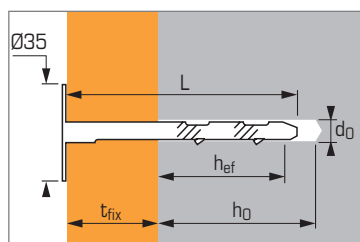




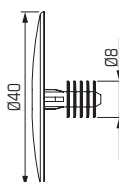
Fire resistant insulation anchor



N° PT 3043



Washer Ø 11X70
Code 064 000



Head cap
Codes:
White 780350
Beige 780360
Grey 051799

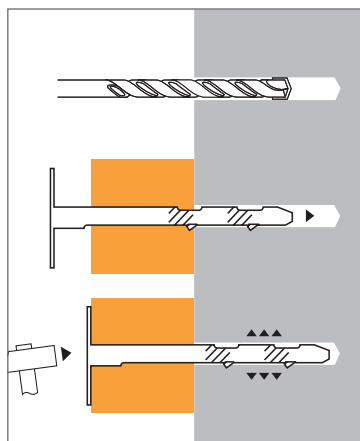
APPLICATION

- Fixing all types of insulation where a fire resistant anchor is required

MATERIAL

- Galvanised version:**
body Z275, NF EN 10142
- Stainless steel A4 version:**
body Z6 CN 18-09

INSTALLATION



Technical data

Anchor size	Anchor depth	Insulation thickness	Drilling depth	Drilling diameter	Total anchor length (mm) L	Code	
	(mm) h _{ef}	(mm) t _{fix}	(mm) h ₀	(mm) d ₀		Galvanised version	Stainless st. A4 version
8X80/30	50	30	60	8	80	059730	059700
8X110/60		60			110	059740	059710
8X120/70		70			120	059880	-
8X140/90		90			140	059750	059720
8X170/120		120			170	059760	-
8X200/150		150			200	059770	-
8X250/200		200			250	055291	-
8X300/250		250			300	055643	-

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

TENSILE

Anchor size	Galvanised version	Stainless steel A4 version
Base material		
Concrete (C20/25)		
N _{Ru,m}	0,75	1,0
Clay bricks (f_c = 55 N/mm²)		
N _{Ru,m}	0,5	0,5
Solid concrete blocks B120 (f_c = 13,5 N/mm²)		
N _{Ru,m}	0,5	0,5

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

$$N_{Rd} = \frac{N_{Ru,m}^{(1)}}{4}$$

⁽¹⁾ Derived from test results

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

TENSILE

Anchor size	Galvanised version	Stainless steel A4 version
Base material		
Concrete (C20/25)		
N _{Rd}	0,21	0,42
N _{rec}	0,15	0,20
Clay bricks (f_c = 55 N/mm²)		
N _{Rd}	0,14	0,21
N _{rec}	0,10	0,10
Solid concrete blocks B120 (f_c = 13,5 N/mm²)		
N _{Rd}	0,14	0,21
N _{rec}	0,10	0,10

Fire behaviour for insulation fixed to soffits

Maximum tensile service loads recommended on concrete for stability (kN).

Exposure time	30 min.	1 h	1 h 30 min.	2 h	3 h
Galvanised version	0,13	0,07	0,07	0,07	0,035
Stainless steel A4 version	0,20	0,20	0,20	0,20	0,10

The summary of fire tests performed by CSTB (No. 86.24642) is available on request.