

CABLE BOLTS

FLOBOND CABLE

Features

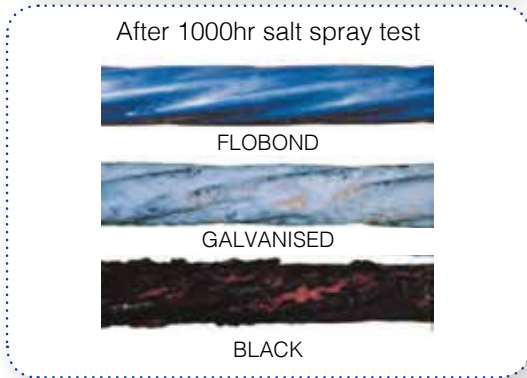
- Corrosion resistant cable bolt
- High bond strength
- Supplied complete ready for installation and grouting
- Lengths are available up to 15 m.
- Configured with grout or breather tube fully assembled
- Suitable for LOM application in corrosive environments
- Stress-relieved low relaxation, high strength cable
- Normally used with cementitious grout, using
- “bottom up” grouting techniques
- Cables are fitted with a “Fish Hook” arrangement to hold the cable up the hole prior to grouting



Adhesion of coating until strand breakage



Large wedge teeth for grip into cable



After 1000hr salt spray test

FLOBOND

GALVANISED

BLACK

Diameter of Strand		Thickness of Epoxy Coating and PE Sheath (mm)	Unit Weight (kgs/m)	Min. Yield Strength (kN ²)	Min. Breaking Strength (kN ²)	Min. Total Elongation (%)	Relaxation	
Nominal Dia. (mm)	Nominal Dia. (mm)						Normal (%)	Low (%)
12.4	13.6	Refer to the table below	0.772	136	160	3.5	≤6.5	≤2.5
15.2	16.4		1.155	204	240	3.5	≤6.5	≤2.5
12.7	13.9		0.817	156	183	3.5	≤6.5	≤2.5
15.2	16.4		1.155	222	261	3.5	≤6.5	≤2.5

*1: Measured at Crown Region *2: Based on JIS G 3536-1999 *3: 0.7Py, 1000hr

Standard	ASTM A882-04		ISO 14655-1999		Additional Standard (Popular in Japan)
	Filled or Non Filled	Filled	Filled	Non Filled	
Epoxy Coating Thickness (mm)		0.380 - 1.140	0.400 - 0.900	0.650 - 1.150	0.40 - 1.20
Thickness of PE-covering (mm)		-	-	-	≤0.8
Filled or Non Filled		≤6.5%	≤6.5%	≤6.5%	≤6.5% (Normal) ≤6.5% (Low)

*4: Measured at every 6 Crown Region *5: Only for PE-covered FLO-GUARD

