

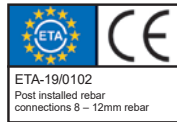
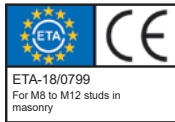
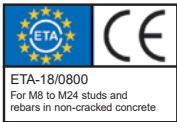
## EPSF300 – BUFFALO EPOXY ACRYLATE RESIN

### Features

- Epoxy Acrylate based resin with high bond strength
- Versatile product for multiple fixing applications
- High loads in concrete and masonry
- Suitable for wet or flooded fixing holes
- Fast gelling and curing times
- Low odour formulation
- Mix in the nozzle two component cartridge for standard cartridge guns

### Testing & approvals

- European Technical Assessments ETA-18/0800, ETA-18/0799 & ETA19/0102
- Approved for use with studs and rebar in uncracked concrete
- Approved for use in masonry
- Approved for use with post-installed rebar connections
- WRAS approved for use with potable drinking water



CODE	MF CODE	CARTRIDGE SIZE	RESIN GUN	BOX QTY
EPSF300	0274430	300ml	PPG	15

### TECHNICAL DATA

For single anchors used in non-cracked concrete. Data is for comparative purposes – for full design information consult relevant ETA.

LOADS AND PERFORMANCE DATA								
Non-cracked concrete (C20/25) – 5.8 grade stud								
Anchor Size			M8	M10	M12	M16	M20	M24
Anchorage depth		[mm]	80	90	110	125	170	210
Drill hole diameter		[mm]	10	12	14	18	24	28
Characteristic bond strength		[N/mm <sup>2</sup> ]	7	7	6.5	6.5	6	5.5
Recommended tension load		[kN]	9.1	14.4	20.9	32.3	49.9	63.3
Recommended shear load		[kN]	5.1	8.6	12.0	22.3	34.9	50.3
Spacing and edge distance								
Required spacing*	S	[mm]	160	200	240	320	400	460
Required edge distance*	C	[mm]	80	100	120	160	200	230

\*For maximum loads

MINIMUM CURING TIMES			
Concrete Temperature	Working Time	Curing Time Dry Concrete	Curing Time Wet Concrete
-10°C	50 min	240 min	x 2
-5°C	40 min	180 min	x 2
5°C	20 min	90 min	x 2
15°C	9 min	60 min	x 2
25°C	5 min	30 min	x 2