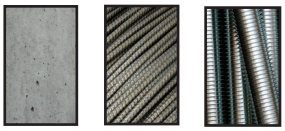
StrucSol
Remedial Building Systems

Epoxy Acrylate RESIN
Styrene Free



• CARTRIDGE SIZES

165ml | 300ml | 410ml
345ml | 825ml

A two component chemical anchoring injection system.
A formulation derived from epoxy acrylate resin with high bond strength, developed principally to anchor threaded rods into concrete. Used widely for medium to high loads in both horizontal and vertical applications.

• CHARACTERISTICS

- Suitable for high loads within standard annulus and embedments.
- Fast working times for early loading in time sensitive applications.
- No styrene allows for use indoors and in enclosed spaces.
- Use in wet or damp environments and fixing holes.
- Good durability formulation, resistance to chemicals.
- Used for studs and relatively small diameter rebar.
- 10:1 resin available in a variety of cartridge types.
- Fixings in concrete, wood, or other high strength materials.

• APPROVALS / CERTIFICATIONS / TESTING

- 11/0031 - ETA ETAG 029 Hollow Wall / Masonry Installations.
- CE Certified 1404-CPR-2587 - ZAG, Solvenia.
- ITB Approval (Poland) 0974/W
- Tested by Imperial College, London.
- WRAS Approved for use with Potable drinking water* approval no. 1605529.
- LEED tested 2009 EQ c4.1 SCAQMD rule 1168 (2005.)
- VOC A+ Rating (Volatile Organic Content)

• PHYSICAL PROPERTIES

- Mixed Colour - Grey
- Density - 1.56 kg/l
- Compressive Strength - 45 N/mm² (EN ISO 604)

• TYPICAL TENSILE PERFORMANCE - STANDARD EMBEDMENT DEPTH

Concrete, C20/25, 5.8 Grade Studding						
Size	Recommended Load		Spacing ($S_{cr,N}$)	Drill Hole Ø	Fixing Hole Ø	Setting Depth
	Tension (N_{rec})	Shear (V_{rec})	(mm)	(mm)	(mm)	(mm)
M8	9.07	5.14	160	10	9	80
M10	14.36	8.57	200	12	12	90
M12	17.11	12.00	240	14	14	110
M16	24.78	22.29	320	18	18	125
M20	38.15	34.86	400	24	22	170
M24	48.57	50.29	480	28	26	210
M30	66.50	81.43	560	35	32	280

Version 02.08.16

STRUCSOL EASF

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• WORKING AND HARDENING TIMES

Base Material Temperature	-10°C	-5°C	5°C	15°C	25°C	35°C
Gel Working Time	50'	40'	20'	9'	5'	3'
Curing Time Dry Concrete	240'	180'	90'	60'	30'	20'
Curing Time Wet Concrete	x 2	x 2	x 2	x 2	x 2	x 2

• APPROVALS

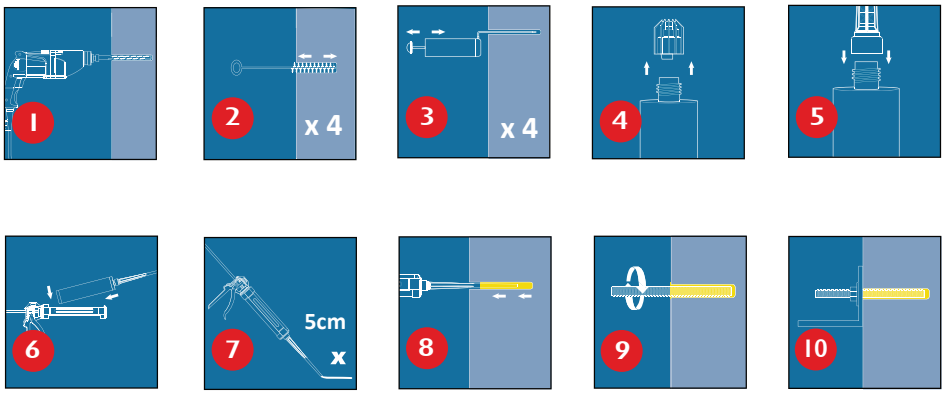
CE 1404
Chemfix Products Ltd
2015
DoP:www.chemfix.co.uk/dop/easf
Chemfix EASF
ETA-11/0031
ETAG 029
Use category c , w/d - size : M10
1404-CPR-2587

WYRÓB BUDOWLANY
0974/W

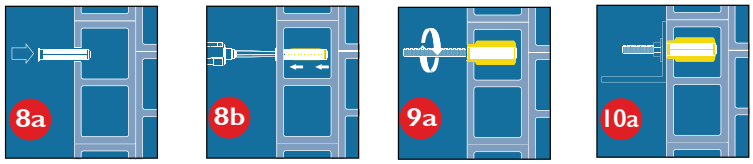
WRAS APPROVED MATERIAL

• INSTALLATION

Solid substrates



Hollow wall



For further information, refer to the technical data sheet.

• STORAGE / SHELF

This product should be stored between +5°C & +25°C.
Avoid Direct Sunlight
The Shelf life of the product is 18 months from the manufacture date.