



A two component chemical anchoring injection system.  
A formulation derived from Epoxy Acrylate styrene free 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.

**STE - 345-hot**



• **CARTRIDGE SIZE** 345ml

• **CHARACTERISTICS**

- Suitable for high loads within standard annulus and embedment.
- 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.
- ETAG001 Option 7 Pending.
- CE Certified 1404-CPR-2587 - ZAG, Slovenia.
- ITB Approval (Poland) 0974/W
- WRAS Approved for use with Potable drinking water approval no. 1605529.
- Tested by Imperial College, London.
- LEED tested 2009 EQ c4.1 SCAQMD rule 1168 (2005.)
- VOC A+ Rating (Volatile Organic Content)

• **TECHNICAL DATA**

Mixed Colour - Grey  
Density - 1.56 kg/m<sup>3</sup> ·  
Compressive Strength - 45 N/mm<sup>2</sup> (EN ISO 60) ·

• **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

\*Cartridge Temperature must be +20°C

• **APPROVAL LOGOS**

