

# FX-763CTG

## Low-Modulus, Non-Sag Epoxy Cartridge



A Simpson Strong-Tie® Company

The information in this technical data sheet is valid for the S&P range of products, systems and solutions.  
Please note that the information in your country may vary. Visit [sp-reinforcement.eu](http://sp-reinforcement.eu) to find your local branch.

### DESCRIPTION

FX-763CTG Low-Modulus Non-Sag Epoxy Cartridge is a two-component, 100% solids, moisture-tolerant, non-sag epoxy designed for vertical, horizontal, and overhead applications and uses.

### WHERE TO USE

- As a jacket joint sealer for the FX-70® Structural Repair and Protection System
- Vertical, horizontal and overhead crack sealing
- Securing ports and paste-over for

### PERFORMANCE FEATURES

- Bonds well to most construction materials
- Bonds to dry or damp surfaces
- Excellent chemical and abrasion resistance in wastewater and other industrial applications
- Easily applied

#### GENERAL FEATURES

### PRODUCT DATA

#### Generic Description

Trowel-grade epoxy

#### Packaging

600 ml dual cartridge

#### Colour

Mixed Epoxy: Teal

#### Product Yield

6.5 linear metres per 600 ml dual cartridge

#### Shelf Life

2 years in unopened packaging

#### Viscosity

Non-sag

#### Storage

Store dry between 4–35 °C



### TECHNICAL INFORMATION

Substrate temperature	10°C to 20°C	21°C to 30°C	31°C to 40°C
Working time	≤ 60 min	≤ 45 min	≤ 25 min

### PLANNING

#### LIMITATIONS

- Do not apply to surfaces below 4 °C
- Do not apply to surfaces above 32 °C
- Material is a vapour barrier after cure. Concrete surface must not exhibit an active moisture vapour drive.
- Adhesion and product compatibility testing must be performed prior to over-coating existing coatings.
- Product may discolour if exposed to direct sunlight.
- Not recommended for large exterior repairs or applications subject to large thermal change.
- Not for use as a structural anchoring adhesive

**Please note:** This product has not been evaluated for resisting long-term sustained loads in anchor applications. Please contact S&P for further details and recommendations.

### PREPARATION

#### SURFACE PREPARATION

All surfaces must be sound, clean, and free of all contaminants that could impair product adhesion or performance.

#### MIXING

Side-by-side cartridge dispensing provides reliable mixing and ratio control when used with Simpson Strong-Tie® mixing nozzles.

### APPLICATION



Install a bead of FX-763CTG into the locking groove of the jacket and place FX-70® jacket around the pile to be repaired.

Insert the tongue into the locking groove of the jacket and position it leaving 460–610 mm of undamaged pile above and below the damaged area.

### IMPORTANT SAFETY INSTRUCTIONS

For detailed safety information, we recommend that you see the current safety data sheets which are available on [www.sp-reinforcement.eu](http://www.sp-reinforcement.eu) or you can contact us on +41 41 825 0070.

S&P's range of products are for industrial use. They must be installed by specialised personnel and competent professionals with adequate training. The installation instructions must be followed.

**The information in this technical data sheet is valid for the S&P range of products, systems and solutions. Please note that the information in your country may vary. Visit [sp-reinforcement.eu](http://sp-reinforcement.eu) to find your local branch.**

The information and data in this technical data sheet serve to ensure the normal intended use and normal application suitability; the information and data are based on our knowledge and experience. They do not absolve the user from their own responsibility to check the suitability and application method.

The rights to make changes to product specifications are reserved. Furthermore, our general sales and delivery terms apply. The current, most recent product data sheet is valid, and should be requested from us.

#### Head Office

S&P Clever Reinforcement Company AG  
Seewernstrasse 127  
CH-6423 Seewen  
Phone: +41 41 825 00 70  
Fax: +41 41 825 00 75  
Web: [www.sp-reinforcement.ch](http://www.sp-reinforcement.ch)  
E-Mail: [info@sp-reinforcement.ch](mailto:info@sp-reinforcement.ch)