

Miska™ FC480™

Technical Data Sheet

August, 2019

Product Description

FC480™ is a lubricant epoxy adhesive for the installation of compression seals and bonds to concrete, polymer or steel armour nosing.

The high solids content of FC480™ fills minor voids in the joint surfaces to provide a waterproof bond to the seal.

Chemical Resistance

Good resistance to alkalis and dilute acids, alcohol, petrol, xylol, mineral and vegetable oil, salt water.

Surface Preparation

Concrete or polymer nosing's - Should be cured 80% of designed strength prior to application. Ensure the substrate surfaces are free of all loose material, i.e. dust and concrete laitance prior to the application of FC480™. Repair any voids and cracks using Miska™ FC120™ Epoxy Mortar.

All steel surfaces - Should be sandblasted to AS1627.4 SSPC-10, near white metal finish immediately before the application of the FC480™. Clean the substrate surfaces and the seal surfaces with Isopropyl alcohol or equivalent prior to applying FC480™. Apply a continuous coat of FC480™ to the substrate surfaces and immediately install seals.

Mix Ratio

By Volume - 1 Part A : 1 Part B. Mix until a uniform colour is achieved.

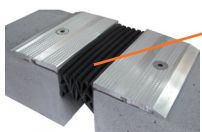
Packaging: **3.5kg Unit** = approx. 3 litres

Shelf Life/Storage

Store in a dry and cool place (10 - 40°C), keep from freezing. Shelf life is approximately 12 months in unopened containers.

Clean up

Isopropyl alcohol



FC480™ is used for installing the compression seals on the Miska CP Series Expansion Joint System and the CS Series Compression Seals.



Product Specifications

Property	Value
Item code:	EPFC480-3
Elongation (Ultimate):	150%
Solids Content:	90% ± 5%
Color:	Black or Grey
Application Temp:	5 – 50°C
S.G.:	1.20
Curing Time:	Gel Time: 20-40 minutes
	Initial Set: 2-4 Hours @ 250°C
	Full Cure: 8-12 Hours @ 250°C

FC480 General Rate of Coverage

Standard 1 Litre Unit	Depth	Approx Coverage
Compression Seals	50mm	27m per unit
Compression Seals	75mm	20m per unit
Compression Seals	100mm	13.5m per unit

Safety Instructions

Avoid contact with skin and eyes. Wear protective clothing, gloves and eye protection and use barrier cream on exposed skin. Do not use in fully confined spaces without adequate ventilation. **If swallowed** do not induce vomiting, rinse the mouth immediately and drink plenty of water. Phone a doctor or poison information centre on 131126.

If in eyes, irrigate with water for at least 15 minutes and seek prompt medical attention. **If on skin,** wash with soap and water for at least 15 minutes and remove contaminated clothing. **Fire Safety** Avoid heat and sources of ignition. In event of fire use CO₂ or foam extinguisher. Do not use a water jet.

For additional information, refer to the MSDS.



FOR PROFESSIONAL USE ONLY Protective gloves, clothes, and splash resistant glasses recommended. Direct contact with skin should be avoided as it may cause skin irritation. Fatal if taken internally. Keep from open flame.

AUS: 1300 326 539 | **NZ:** 0800 88 22 55 | **W:** www.miska.com.au