

FTB

# FTB EPO-INJECT 31

ART NR 80.210

EPOXY FORMULATION FOR THE INJECTION OF SMALL TEARS IN CONCRETE, STONE AND WOOD.

## DESCRIPTION

FTB EPO-INJECT 31 IS A 2-COMPONENT INJECTION RESIN ON A BASIS OF EPOXY RESIN (A) AND A SPECIAL POLYAMIDE HARDENER (B), WITHOUT SOLVENTS.

THE ADHERENCE CAPACITY CAN EVENTUALLY BE ADAPTED: FROM THIN-LIQUID, OVER TIXOTROPE (JELLY) TO THICK-LIQUID (PASTY).

## APPLICATION

FTB EPO-INJECT 31 IS VERY SUITABLE FOR:

- \* TO GLUE TOGETHER TEARS (THIN-LIQUID FORM) IN CONCRETE, STONE AND WOOD.
- \* TO RE-ATTACH PIECES OF CONCRETE, NATURAL STONE, BRICKS, WOOD, SYNTHETIC MATERIAL, ANCHOR (TIXOTROPE FORM).

## METHOD OF WORKING

### PREPARATION:

THE SUPPORT MUST BE CLEAN AND DRY. IN CASE OF CRACK INJECTION THE CRACK MUST BE FILLED TEMPORARY (CLAY, RAPID CEMENT, GYPSUM, ETC); THIS PREVENTS THE INJECTION RESIN FROM FLOWING AWAY AND IT KEEPS A CONSTANT PRESSURE IN THE INJECTED AREA. THE INJECTION NIPPLES ARE INSTALLED IN THE TEMPORARY FILLING. THEY ARE APPLIED ACCORDING TO AN ALTERNATING PATTERN WITH A MAX. CENTRE DISTANCE OF 40 CM.

### TREATMENT:

FTB EPO-INJECT 31 IS MADE BY MIXING INTENSIVELY TO A HOMOGENEOUS MIXTURE THE COMPONENTS A (EPOXY RESIN) AND B (HARDENER) PREPARED IN THE CORRECT DOSAGE.

THE INJECT ALWAYS STARTS FROM THE LOWEST SITUATED INJECTION NIPPLE, IN THAT WAY THE TEAR IS FILLED WITH INJECTION RESIN FROM THE BOTTOM TO THE TOP.

WHEN THE INJECTION RESIN IS VISIBLE AT THE HIGHER LOCATED INJECTION NIPPLE, THE LOWER INJECTION OPENING HAS TO BE FILLED.

CONTINUE SYSTEMATICALLY UPWARDS UNTIL THE COMPLETE CRACK IS FILLED.

**REMARK:**

THE OPTIMAL AMBIENT TEMPERATURE IS 16°C. A LOWER TEMPERATURE WILL HAVE A LONGER HARDENING TIME AS CONSEQUENCE. THE AMBIENT TEMPERATURE MUST ALWAYS BE ABOVE 10°C.

## ■ **CLEANING OF THE MATERIAL**

---

WITH FTB CLEAN 1.

## ■ **CHARACTERISTICS**

---

COLOUR:	COLOURLESS
DENSITY:	± 0,94 KG/DM <sup>3</sup>
POT-LIFE:	1 HOUR
HARDENING AT 20°C:	PASSABLE AFTER 4 HOURS, COMPLETE HARDENING AFTER 24 HOURS
FLASHPOINT:	< 21°C

## ■ **CONSUMPTION**

---

± 0,94 KG/DM<sup>2</sup>

## ■ **CONDITIONING**

---

5 KG

## ■ **STORAGE TIME**

---

1 YEAR IN CLOSED CONDITIONING AND FROST-FREE.

## ■ **PRECAUTIONS**

---

AVOID CONTACT TO SKIN. WASH HANDS WITH SOAPY WATER BEFORE EATING OR SMOKING.  
ENSURE A GOOD VENTILATION OF THE AREA DURING THE PREPARATION AND THE APPLICATION OF THE PRODUCT.

## ■ **EPILOGUE**

---

OUR TECHNICAL INFORMATION IS BASED ON OUR OWN EXPERIENCE AND IS GIVEN IN GOOD FAITH. WE GUARANTEE A CONSTANT QUALITY OF OUR PRODUCTS, BUT WE CANNOT ACCEPT ANY RESPONSIBILITY CONCERNING THEIR APPLICATION.