

FTB

FTB CONCRETE LW

ART NR 50.201

3-COMPONENT LIGHT WEIGHT CONCRETE REPAIR MORTAR ON AN EPOXY-RESIN BASIS

DESCRIPTION

FTB CONCRETE LW IS A 3-COMPONENT LIGHT WEIGHT CONCRETE REPAIR MORTAR ON AN EPOXY-RESIN BASIS.

APPLICATION

FTB CONCRETE LW IS VERY SUITABLE FOR:

- * THE REPAIR OF COMPLICATED FORMS, PROFILES, FRAMEWORK, ETC.
- * THE CONSTRUCTIONAL REPAIR OF STRUCTURAL CONCRETE.

METHOD OF WORKING

PREPARATION OF THE SUPPORT:

THE SUPPORT MUST BE CLEAN AND DRY.

ALL THE LOOSE PARTS MUST BE REMOVED AND THE RUST MUST BE REMOVED FROM CONCRETE IRON.

TREATMENT:

TO STIMULATE THE ADHERENCE OF THE MORTAR, THE SURFACE WILL FIRST BE TREATED WITH FTB T-PRIMER, TIXOTROPE EPOXY-PRIMER.

FTB CONCRETE LW IS MADE BY MIXING INTENSIVELY COMPONENT A (RESIN) WITH COMPONENT B (HARDENER).

ADD COMPONENT C STIRRING, AND MIX UNTIL AN HOMOGENEOUS MASS IS FORMED.

REMARK: COMPONENT A, B AND C ARE PREPARED IN THE CORRECT DOSAGE.

THE MORTAR FTB CONCRETE LW IS APPLIED WITH A TROWEL OR A HAWK IN THE NOT HARDENED LAYER FTB T-PRIMER.

THE REPAIR IS DONE IN ONE TIME WITHOUT FORMWORK TO A MAXIMUM LAYER THICKNESS OF 10 CM.

IN CASE OF FORMWORK A BIGGER LAYER THICKNESS CAN BE APPLIED IN ONE PROCESSING STEP.

- NB:**
- THE OPTIMAL AMBIENT TEMPERATURE IS 16°C.
 - A LOWER TEMPERATURE WILL HAVE A LONGER HARDENING TIME AS CONSEQUENCE.
 - THE AMBIENT TEMPERATURE HAS ALWAYS TO BE HIGHER THAN 10°C.

CLEANING OF THE MATERIAL

WITH FTB CLEAN 1 BEFORE THE MORTAR IS HARDENED.

CHARACTERISTICS

COMPRESSION STRENGTH:	> 35 N/MM ²
CHEMICAL RESISTANCE:	RESISTANT AGAINST OILS, FATS, GASOLINE, SOLVENTS AND ACIDS
ADHERENCE:	BIGGER THAN THE COHESION OF CONCRETE
DENSITY:	1,2 KG/DM ³
HARDENING:	SHRINK-FREE
HEAT RESISTANCE:	60°C CONTINUOUS
POT-LIFE AT 20°C:	1 HOUR

CONSUMPTION

± 1,2 KG/DM²

CONDITIONING

15 KG

STORAGE TIME

1 YEAR IN CLOSED CONDITIONING AND FROST-FREE.

PRECAUTIONS

AVOID CONTACT WITH THE SKIN. WASH HANDS WITH WATER AND SOAP BEFORE EATING.
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.