



FTB SL 4

ART NR 60.415

SELF-LEVELLING 3-COMPONENT EPOXY FLOOR FOR HEAVY INDUSTRIAL USE

DESCRIPTION

FTB SL 4 IS AN SELF-LEVELLING 3-COMPONENT EPOXY FLOOR FOR HEAVY INDUSTRIAL USE:

- **COMPONENT A:** MODIFIED EPOXY RESIN
- **COMPONENT B:** CYCLO-ALIFATIC POLYAMINE HARDENER
- **COMPONENT C:** DRY CALIBRATED QUARTZ FILLERS

FTB SL 4 IS AVAILABLE IN STANDARD COLOURS: GREY, RED AND GREEN. RAL-COLOURS CAN BE DELIVERED ON REQUEST.

APPLICATION

FTB SL 4 IS A SELF-LEVELLING MONOLITH FLOOR WITH A GOOD RESISTANCE TO LIGHT, THAT PERFECTLY SERVES AS UNDER-FLOOR FOR OTHER EPOXY FLOORS, ANTISKID LAYERS, ETC.

FTB SL 4 IS A SUITABLE AS A SELF-LEVELLING EPOXY-FLOOR ON WELL PREPARED CONCRETE SUPPORTS OR RICH SAND-CEMENT CHAPE, INCLINED TO A MAXIMUM OF 3 % IN COVERED SPACES.

THIS SYSTEM IS USED IN LABORATORIES, CLEAN ROOMS, MECHANICAL PRECISION WORKSHOPS, ETC.

METHOD OF WORKING

PREPARATION OF THE SUPPORT:

THE SUPPORT MUST BE CLEAN, DRY, FREE OF DUST, STRONG AND COHERENT. THE REMAINDERS OF CEMENT AND FAT MUST BE REMOVED. CAVITIES IN THE FLOOR MUST BE FILLED. THE SUPPORT MUST BE FREE OF DAMP TENSION.

APPLICATION:

IN ORDER TO SUPPORT THE ADHERENCE, TREAT THE SUPPORT IN ADVANCE WITH FTB PRIMER, AN EPOXY PRIMER FOR HORIZONTAL APPLICATIONS.

AFTER HARDENING FTB SL 4 CAN BE APPLIED.

FTB SL 4 IS OBTAINED BY MIXING MECHANICALLY COMPONENT A FOR AT LEAST 5 MINUTES. COMPONENT B IS THEN ADDED AND AGAIN MIXED FOR AT LEAST 5 MINUTES. WHILE CONTINUING THE MIXING PROCESS, ADD COMPONENT C AND MIX UNTIL A HOMOGENEOUS MIXTURE IS OBTAINED.

AFTER THE MIXTURE, POUR THE MASS ON THE DRY SUPPORT (TREATED WITH FTB PRIMER) AND EXTEND IT WITH A HAWK OR A RUBBER TO A THICKNESS OF 4 TO 8 MM.

FINALLY GO OVER THE SURFACE WITH A NEEDLE ROLLER IN ORDER TO AVOID THE APPEARANCE OF AIR BUBBLES.

THE OPTIMAL APPLICATION TEMPERATURE IS 16°C. LOWER TEMPERATURE MAY RESULT IN A LONGER HARDENING, AIR BUBBLES AND PROBLEMS DURING POURING. THE TEMPERATURE OF THE SUPPORT SURFACE AND THE MATERIAL MUST ALWAYS BE ABOVE 10°C.

■ **CLEANING OF THE MATERIAL**

WITH FTB CLEAN 1 BEFORE HARDENING.

■ **CHARACTERISTICS**

DENSITY:	± 2,0 KG/DM ³
COMPRESSION STRENGTH:	MORE THAN 30 N/MM ² , DEPENDING ON THE SUPPORT
COLOUR:	GREY, RED AND GREEN; RAL-COLOURS ON REQUEST
CHEMICAL RESISTANCE:	AFTER HARDENING RESISTANT TO OIL, FAT, GASOLINE, ALKALI SOLUTIONS, DILUTED ACIDS, ETC.
POT-LIFE AT 20°C:	± 30 MINUTES, DEPENDING ON TEMPERATURE
PRACTICABLE:	AFTER 24 HOURS (AT 20°C)
HARDENING:	COMPLETE HARDENING (WITHOUT SHRINKAGE AFTER 7 DAYS.)
	CHARGE CHEMICALLY ONLY AFTER COMPLETE HARDENING
SURFACE:	FLUID-TIGHT

■ **CONSUMPTION**

2 KG/M² PER MM THICKNESS OF THE LAYER (FROM 8 TO 13 KG/M²)

■ **CONDITIONING**

30 KG

■ **STORAGE TIME**

MAXIMUM 1 YEAR IN CLOSED CONDITIONING AND FROST-FREE.

■ **PRECAUTIONS**

AVOID CONTACT TO SKIN. CAREFULLY WASH HANDS WITH WATER AND SOAP BEFORE EATING OR SMOKING.

ENSURE A GOOD VENTILATION 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.