

## FILLER

### FINISHING SEALANT

#### Technical characteristics FILLER sealant

FILLER is an acetic cross-linked silicone sealant resistant to mould, that is solvent free.

It reticulates with atmospheric humidity at room temperature, forming an elastic product with the following properties:

- outstanding durability; the seal remains unaltered even after being exposed for many years to adverse weather conditions, industrial atmospheres, sudden changes in temperature, and immersion in water;
- high elasticity;
- outstanding adhesiveness on glass, ceramic, and anodised aluminium;
- high resistance to mold;
- impermeable to water and permeable to water vapour;
- resistant to chemical agents;
- flexible all the way down to -40°C and resistant to temperatures greater than +180°C;
- easy to work with;
- compliant with regulation ISO 11600, classified as F-25-LM;
- compliant with numerous international regulations;
- compliant with EN 15651-3 and bears the CE seal.

**IMPORTANT:** The resistance of FILLER to chemical agents is generally excellent; however, given the multiplicity of products and operating conditions, preliminary tests must be carried out when in doubt

#### FILLER TECHNICAL DATA

Movement in service:	25%.
Modulus of elasticity at 100% of elongation:	0.35 N/mm <sup>2</sup> .
Shore A Hardness:	20.
Workability:	10'.
Colour:	Cement grey
EMICODE:	EC1 Plus – very low emissions.
Application:	gun.
Consumption:	8 linear metres per 310 ml cartridge (section 2x5 mm).
Packaging:	310 ml cartridge

#### APPLICATION METHOD

All surfaces to be sealed must be dry, solid, free of dust and removable parts, free of oil, grease, wax, old paint and rust. To allow the sealant to perform its function, it must be able to

stretch and compress freely.

FILLER is packaged in 310 ml cartridges: for grout lines of 2 mm, it is necessary to cut the cartridge at the top of its thread; just screw on the nozzle, insert the cartridge in the gun, and extrude. The surface finish of FILLER must be achieved with a tool moistened with soapy water before the surface film forms. The working environment must have a temperature of between 5°C and 50°C to allow the proper installation of the FILLER silicone.

#### RETICULATION

When exposed to air, FILLER reticulates and becomes elastic due to the effect of the moisture in the air. The speed of its reticulation depends very little on temperature and is, instead, primarily dependent on the atmospheric humidity present. The reticulation process at +23°C and 50% atmospheric humidity will take 10-12 hours to harden.

#### CLEANING

To remove partially reticulated FILLER from tools and surfaces, one can use common solvents (ethyl acetate, petrol, toluene). After it is fully reticulated, the silicone can only be removed mechanically.

#### CONSUMPTION

Consumption varies according to the size of the grout line. As a general rule, it can be considered that with a grout line of 2 x 5 mm the theoretical yield is about 8 lm for one cartridge.

#### COLOUR

FILLER is available in "cement grey" colour.

#### STORAGE

FILLER must be stored in a cool dry place in its original cartridge for no more than 24 months.

#### SAFETY INSTRUCTIONS FOR PREPARATION AND INSTALLATION

FILLER is not considered dangerous under current regulations on the classification of mixtures. Wear protective gloves and goggles and observe the usual precautions when handling chemicals. For further and complete information on the safe use of the products, please refer to the latest version of the Professional Product Safety Data Sheet.