

NATURE OF THE PRODUCT

WINCOLLA is solvent-free and two component adhesive grout based on epoxy resins, with special fillers that allow, thanks to its thixotropy, easy application in horizontal, vertical and ceiling. Formulated in WINKLER Research & Development laboratories.

USE

WINCOLLA, has high mechanical strength and adhesion. It structurally pastes materials such as concrete, mortar, natural stone, metal, wood, steel, cement, bricks, and more. WINCOLLA is suitable for levelling surfaces and grouting damaged concrete.

WINCOLLA, can be used as a construction joint between the old and the new concrete. It allows adhesion on very smooth surfaces and can be used in the technique of Beton Plaquè. WINCOLLA can be used for waterproofing as well as an adhesive.

PREPARATION OF SURFACES

The surfaces to be treated must be dry and free from dust, loose parts, foreign substances or non-stick ones. For applications on metal surfaces, eventual traces of rust, grease and oils must be removed mechanically (sanded / wire brush).

WARNINGS

No additives required.

Do not use if the container is damaged.

Do not add water nor solvents.

PRECAUTION

Do not apply WINCOLLA at temperatures below + 5 ° C

Mixed components have not to be exposed to direct heat source.

To avoid alterations of the product, do not mix partial quantities.

Apply the product at a temperature between + 5 ° C and + 30 ° C.

APPLICATION

Pour Part B into Part A and mix well until getting a uniform color. When mixed with a drill, use a low speed (up to 600 rev / min), let it stand for ten minutes before applying. For gluing works, apply the product and keep the elements pressed for at least 18 hours.

Application of WINCOLLA for casting:

The surface must be clean, free of dust, oil, or dry natural moisture present. Apply WINCOLLA with brush, roller or spatula, apply the mortar/concrete after not less than 15 minutes and not more than two hours (20 ° C) from the draft.

CONSUMPTION

1.6 kg / m² per mm of thickness

For casting: 0.5 / 0.6 kg / m²

PACKAGING

1.5 kg Part A

1.5 kg Part B

(box of 6 pcs Part A + 6 pcs Part B)

5 kg Part A

5 kg Part B

STORAGE

If the product is stored in its unopened original packaging shelf-life is 24 months. Store at temperatures between +5°C and +35°C.

SAFETY STANDARDS

CAUTION

For information about safety standards, users must refer to the most recent Safety Sheet drafted in compliance with currently applicable Safety Standards, containing physical, toxicological and other data about the product used.

ECOLOGY

Dispose of the product and/or empty packaging in appropriate sites. For further information about waste disposal, see the most recent Safety Sheet.

TECHNICAL DATA (average values)

PRODUCT DATA

Appearance:	Paste
Colour part A:	Light grey
Colour part B:	Dark grey
Colour A+B:	Grey
Mixture ratio:	1-1
Density at 20°C	1.55-1.6 g/cm ³
Dry content	100%
Brookfield viscosity (mixture A+B):	40.000
Initial drying time at 20°C:	4h 30 minutes
Final drying time at 20°C:	5h
Workability time:	+10°C: 3h 30 minutes
	+20°C: 2h 30 minutes
	+30°C: 1h 15 minutes
Complete hardening:	7 days
Operating temperatures:	From -30°C to +100°C

PRODUCT FOR PROFESSIONALS

The information contained in this technical data sheet is to the best of our knowledge correct. However, by no means can it be considered a guarantee, as usage, working area and application of the product in accordance with the instructions given and their success in application is beyond our control and is dependent on a number of factors. We decline any responsibility for the improper use of the product as the application recommendations contained herein are to be considered as a general guideline. If at all in doubt, preliminary tests should be carried out. WINKLER S.r.l. reserves the right to modify and up-date said data sheets without prior notice. Clients are kindly requested to verify that they are in possession of the current edition.