



CEMLATEX 600

Synthetic latex for the preparation of mortars based on cement with high adhesive power

- Transforms a good adhesive into a superior quality adhesive
- Increases the field of application of adhesives
- Gives adhesives an extremely high flexibility
- Ideal for large size applications
- Gives very high adhesion and elasticity to cement-based mortars
- Permits long lasting concrete pouring
- Reduces the absorption of water



TECHNICAL FEATURES:

CEMLATEX 600 is a polymeric dispersion to be used as an additive for cement-based mortars in order to improve their mechanical resistances, adhesion, elasticity, workability and impermeability. It is to be used as a partial replacement of the mixing water in quantities that may vary depending on the purposes of use and expected results.

AREAS OF APPLICATION:

- Forming an adhesive of high performance in addition of adhesives of range BENFER (see table) for application of ceramic floors and walls in environmental conditions which are particularly hard (swimming pools, terraces, cold-storage rooms, surfaces which are exposed to action of water and so on...) or on existing ceramic floors or on smooth marble floors, where a traditional adhesive does not guarantee good bonding;
- Anchorage and castings' re-adjustment between the support of concrete and that of old as well as new cements;
- Preparation of plastering that will not produce any cracks;
- Smoothing and levelling operations on old cement or concrete structures.

CONTRACT ITEM SPECIFICATIONS:

Ceramic walls and floors must be laid with a cementitious, two-component adhesive, highly flexible, conforming to norm EN 12004 class C2E S1, as BENFERFIX EXTRA/ BENFERGRIP+ mixed to CEMLATEX 600 by Benfer.



TECHNICAL ASSISTANCE



INSURANCE GUARANTEE



TECHNICAL MEETINGS



PROFESSIONAL USE

SUITABLE SUBSTRATES:

- Concrete
- Cement-based screeds, standard or heated with water system or electric resistance
- Cement-based plaster
- Flexible waterproofing membranes made up of cement and polymers (ACQUASHIELD-2KF)
- Cement based blocks
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INSIDE ONLY:

- Fluid cement-based screeds, standard or heated with water system or electric resistance
- Panels consisting of a wooden mix
- Old ceramic tiles (prior application of an appropriate primer)
- Standard or waterproof plasterboard
- Elastomeric waterproofing membranes (ACQUASHIELD-GEL)
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METHOD OF USE:

As adhesive see the technical data sheets of BENFERFIX EXTRA/BENFERGRIP+.

For the creation of mortars, the mix can be prepared by replacing a part of the water with the amount of CEMLATEX 600 that has been recommended for the job that has to be done. The plasticizing action of the latex allows to reduce the quantity of the water normally used without alteration of the mortars' workability. For a correct application of the product, after having cleaned the foundations from any eventual residues of dust, oils or greases, it is necessary to moisten them with water and treat them with a primer product made up by two parts of cement Portland and one part of CEMLATEX 600, which has been calculated in volume, before applying the mortar modified by the latex.



CLEANING: Tiling should be cleaned with a damp cloth or sponge when the adhesive has already started to set.

CONSUMPTION: Dosage CEMLATEX 600 to increase deformability of adhesives

ADHESIVE	CLASS	S 1		S 2	
		For every bag		For every bag	
		CEMLATEX 600 (kg)	Water (kg)	CEMLATEX 600 (kg)	Water (kg)
NORMAL SETTING					
BENFERFIX EXTRA	C1 TE	2,2	4,8	5,0	2,0
BENFERGRIP C2TE	C2 TE	2,0	5,5	5,0	2,5
BENFERGRIP+	C2 TE	2,0	5,5	5,0	2,5
BENFERFLEX N	C2 TE	1,0	6,25	4,0	3,25
BENFERFLEX+S1	C2 TE S1	-	8-10	4,0	4,0
BENFERFLEX LIGHT	C2 TE S1	-	7,5-10,8	4,0	4,4
FAST SETTING					
BENFERFIX RAPIDO	C2 F	2,5	3,15	5,0	0,60
BENFERFLEX RAPIDO	C2 FTE S1	-	5,2	5,0	0,25
BENFERFLEX+FAST-S1	C2 FTE S1	-	6,75-8,25	5,0	2,5
MARMOFLEX+S1	C2 FT S1	-	6,75-8,25	5,0	2,5
MARMOFLEX S1	C2 FT S1	-	6,5-7,0	6,0	0,50
MARMOFLEX-HT	C2 FT S1	-	4,0-5,2	4,0	1,1

As an additive for cement mortars: from 2 to 5 kg of CEMLATEX 600 for 25 kg of cement.

PACKAGING: 5 kg cans or 1 kg bottles.

STORAGE: > 5°C, in the original closed package in a cool dry place.

SHELF LIFE: 12 months.

PRODUCT TECHNICAL DATA

Aspect:	Polymeric latex
Colour:	White
Storage:	12 months, in the original closed package in a cool dry place
Dangerous:	No
Inflammability:	No
pH:	10
Density:	1,05 kg/dm ³
Viscosity:	8 m Pa.s at 23°C
Application temperature:	+ 5°C to + 35°C
Temperature resistance:	From - 30°C up to + 90°C * at 23°C and 50% relative humidity

PLEASE NOTE: The information given in this chart is based on our best experience and indicative only. It must in any event be verified by the end user, who assumes all liabilities deriving from utilization of the product.