

Protection and Repair of *concrete* *MAPEI products with EN 1504 certification*



MAPEI have been certifying their “Products and systems for protecting and repairing concrete structures” since January 2008, even though the use of the CE symbol according to EN 1504 European Standards has only been obligatory since January 2009.

EN 1504 Standards are divided into 10 parts, and specify the requirements for identification, performance (including durability), product safety and various working aspects. They are extremely valid and useful for planning and optimising repair interventions:

- EN 1504-9 establishes the main principles for choosing and applying products and systems;
- EN 1504-1 provides the most significant definitions;
- EN 1504-2-3-4-5-6-7 define the categories of products and systems and prescribe their minimum requirements for CE certification;
- EN 1504-8 specifies the requirements for FPC (Factory Production Control) quality control and conformity assessment;
- EN 1504-10 discusses problems regarding the installation/application of products and quality control of the work carried out.

The CE symbol guarantees to the end user that the product is suitable for the declared application and conforms to the requirements of current norms and standards.

Certified MAPEI products

EN 1504-2: Surface protection systems for concrete

Product	Principle
ANTIPLUVIOL S	PI, MC and IR - hydrophobing impregnation (H)
COLORITE BETON	PI, MC and IR - coating (C)
COLORITE PERFORMANCE	PI, MC and IR - coating (C)
DURESIL EB	PI, MC, RC and IR - coating (C)
ELASTOCOLOR PAINT	PI, MC and IR - coating (C)
ELASTOCOLOR RASANTE	PI, MC and IR - coating (C)
ELASTOCOLOR RASANTE SF	PI, MC and IR - coating (C)
ELASTOCOLOR WATERPROOF	PI, MC and IR - coating (C)
IDROSILEX PRONTO	MC and IR - coating (C)
IDROSILEX PRONTO RPF	MC and IR - coating (C)
MAPECOAT DW 25	PI, MC, IR, PR and RC - coating (C)
MAPECOAT I 24	PI, MC, IR, PR and RC - coating (C)
MAPECRETE CREME PROTECTION	PI, MC and IR - hydrophobing impregnation (H)
MAPEFINISH	MC and IR - coating (C)
MAPEFINISH HD	MC and IR - coating (C)
MAPEFLOOR CPU/MF	PI, MC, IR, PR and RC - coating (C)
MAPEFLOOR FINISH 50	MC and IR - coating (C)
MAPEFLOOR FINISH 52 W	MC and IR - coating (C)
MAPELASTIC	PI, MC and IR - coating (C)
MAPELASTIC FOUNDATION	PI, MC and IR - coating (C)
MAPELASTIC GUARD	PI, MC and IR - coating (C)
MAPELASTIC SMART	PI, MC and IR - coating (C)
MONOFINISH	MC and IR - coating (C)
MONOFINISH LM	MC and IR - coating (C)
PLANITOP 100	MC and IR - coating (C)
PLANITOP 200	MC and IR - coating (C)
PLANITOP 207	MC and IR - coating (C)
PLANITOP 210	MC and IR - coating (C)
PLANITOP 217	MC and IR - coating (C)
PLANITOP 530	MC and IR - coating (C)
PLANITOP 540	MC and IR - coating (C)
PLANITOP FAST 330	MC and IR - coating (C)
PLANITOP HDM	MC and IR - coating (C)
PLANITOP SMOOTH & REPAIR	MC and IR - coating (C)
PURTOP 400 M	PI, MC, IR, PR and RC - coating (C)
PURTOP 600	PI, MC, IR, PR and RC - coating (C)
PURTOP 1000	PI, MC, IR, PR and RC - coating (C)
TRIBLOCK FINISH	MC and IR - coating (C)
TRIBLOCK TMB	MC, PR and IR - coating (C)



MC: Moisture control

IR: Increase in resistivity by limiting moisture content

PI: Protection against the risk of penetration

PR: Physical resistance/surface improvement

RC: Resistance to chemical agents

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EN 1504-3: Structural and non-structural repair

Product	Class	Type of mortar
MAPEFILL MF 610	R4	CC
MAPEGROUT BM	R4	PCC
MAPEGROUT BMT3	R4	PCC
MAPEGROUT EASY FLOW	R4	CC
MAPEGROUT EASY FLOW GF	R4	CC
MAPEGROUT FMR	R4	CC
MAPEGROUT GUNITE	R4	CC
MAPEGROUT HI-FLOW	R4	CC
MAPEGROUT HI-FLOW GF	R4	CC
MAPEGROUT HI-FLOW TI 20	R4	CC
MAPEGROUT SV	R4	CC
MAPEGROUT SV FIBER	R4	CC
MAPEGROUT SV T	R4	CC
MAPEGROUT T60	R4	CC
MAPEGROUT THIXOTROPIC	R4	PCC
IDROSILEX PRONTO RPG	R3	PCC
MAPEGROUT 430	R3	CC
MAPEGROUT LM2K	R3	PCC
MAPEGROUT FAST-SET	R3	PCC
MAPEGROUT T40	R3	PCC
PLANITOP 400	R3	CC
IDROSILEX PRONTO RPF	R2	PCC
MAPEFINISH	R2	PCC
MONOFINISH	R2	PCC
MONOFINISH LM	R2	PCC
PLANITOP HDM	R2	PCC
PLANITOP HDM MAXI	R2	PCC
PLANITOP SMOOTH & REPAIR	R2	PCC



EN 1504-4: Structural bonding

ADESILEX PG1
ADESILEX PG1 RAPIDO
ADESILEX PG2
ADESILEX PG4
EPORIP
MAPEWRAP 11
MAPEWRAP 12
MAPEWRAP 21
MAPEWRAP 31



EN 1504-5: Concrete injection

EPOJET
EPOJET LV



EN 1504-6: Anchoring of reinforcing steel bar

EPOJET
MAPEFILL
MAPEFILL F
MAPEFILL MF
MAPEFILL MF 610
MAPEFILL R
PLANIGROUT 300



EN 1504-7: Reinforcement corrosion protection

MAPEFER
MAPEFER 1K



HEADQUARTERS

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