

TEMAFLOOR AC

- floor coating system for interior facilities

The Temafloor AC floor coating systems comprise acrylic-based primers, screeds, and varnishes. The binder used in the systems is methyl metacrylate (MMA), which makes the floor surface durable.

Temafloor AC501 and AC601 Temafloor Clear or Temafloor AC610 Clear are suitable for indoor floors that must withstand very heavy chemical and mechanical wear. For example, in storage facilities, laboratories, breweries, processing and pharmaceutical industries, and public premises.

The Temafloor AC floor coating system for interior facilities provides many significant benefits.

- excellent compressive strength
- superior mechanical strength and wear resistance
- good chemical resistance
- fast-drying system – coating can be performed on the same day



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QUICK AND COST-EFFECTIVE

Due to its hardening mechanism, the floor dries quickly and can be loaded as soon as two hours after coating. Thanks to their drying speed, the Temafloor AC coating systems are particularly suitable for premises where the available working time is limited, such as at industrial production facilities.

THOROUGHLY TESTED

The Temafloor AC floor coating systems have been tested and CE-labeled in accordance with the harmonized European EN 13813 and EN 1504-2 standards. The technical properties of the systems have been tested using various mechanical and physical stress tests, which have verified the excellent suitability of the coating systems for both indoor and outdoor applications.

COATING SYSTEM FOR INTERIOR FLOOR SURFACES

Temafloor AC102 Primer + Temafloor AC501 + Temafloor AC601 Clear

Suitable for interior floors that must withstand very heavy chemical and mechanical wear. For example, in storage facilities, laboratories, breweries, processing and pharmaceutical industries, and public premises.

Temafloor AC102 Primer is a two-component, low-viscosity, solvent-free primer. Suitable for priming concrete floors before coating.

Temafloor AC501 is a two-component, solvent-free acrylic coating. Used for the preparation of Temafloor AC acrylic floor screeds, as a self-leveling coating, or a binder for grinding screed with color sand.

Temafloor AC601 Clear is a two-component, hard, chemical-resistant, solvent-free acrylic varnish.

Technical properties of the Temafloor AC102 Primer + AC501 + AC601 Clear coating systems for grinding screed with color sand (general use)

	Standard	Result	Unit	Class EN 13813
Tensile strength	EN ISO 527	9	MPa	F 7
Compressive strength	EN ISO 604	44	MPa	C 40
Elongation at break	EN ISO 527	0,8	%	-
Elastic modulus	EN ISO 527	2100	MPa	E 2
Tensile strength on concrete	ISO 4624	4,3	MPa	B 2.0
Impact strength	EN ISO 6272	1	Nm	IR 1
Wear resistance according to BCA	prEN 13892-4	10	µm	AR 0.5
Fire-resistance class		Bfl-s1		