

# TEMAFLOOR AC

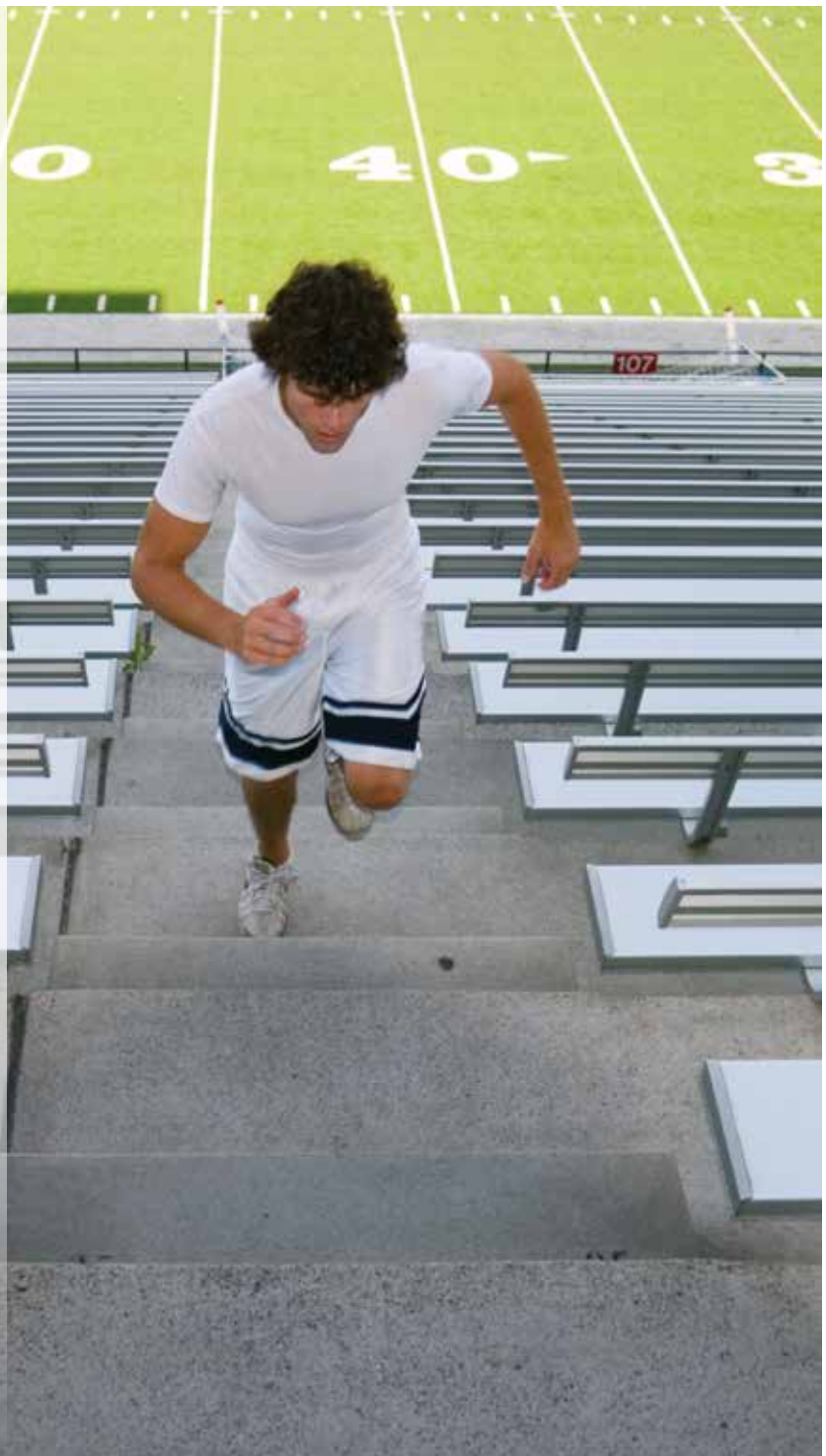
- floor coating system for frost and weather exposure

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

Temafloor AC502 and Temafloor AC602 Clear are particularly suitable for outdoor use subject to severe weather conditions. Typical applications include terraces, balconies, sport arena stands, loading ramps, parking decks, light traffic bridges, freezing plants, and cold storage rooms.

The Temafloor AC frost- and weather-resistant floor coating system provides many significant benefits.

- forms an elastic protective surface that is impact-resistant and fills in cracks
- suitable for cold conditions
- excellent resistance to sunlight and extreme temperature variations



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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 environments 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 FROST- AND WEATHER-RESISTANT FLOOR SURFACES

### **Temafloor AC102 Primer + Temafloor AC502 + Temafloor AC602 Clear**

Suitable for environments where the floors are exposed to moisture and temperature variation as well as long-term cold. Typical applications include terraces, balconies, sport arena stands, loading ramps, parking decks, light traffic bridges, freezing plants, and cold storage rooms.

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

**Temafloor AC502** 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 AC602 Clear** is a two-component, elastic, solvent-free acrylic varnish. Suitable for the sealing of acrylic floors in outdoor environments.

### **Technical properties of the Temafloor AC102 Primer + AC502 + AC602 Clear coating systems for grinding screed with color sand (elastic, outdoor use)**

	Standard	Result	Unit	Class EN 13813
Tensile strength	EN ISO 527	6	MPa	F 6
Compressive strength	EN ISO 604	12	MPa	C 12
Elongation at break	EN ISO 527	2,3	%	-
Elastic modulus	EN ISO 527	920	MPa	E 1
Tensile strength on concrete	ISO 4624	4,1	MPa	B 2.0
Impact strength	EN ISO 6272	3	Nm	IR 3
Fire-resistance class		Efl		