

MAPEI

MAPEI HCT

Ultraplan M20

**Quick-setting, self-leveling,
concrete topping and
underlayment**

Application: Interior, Horizontal

95°F (35°C)
50°F (10°C)

Add Water

Use a Gauge Plate

Use a Smoother

Mixer Cleanup

Comes in a Bag

DESCRIPTION

Ultraplan M20 is an HCT™ (High-Hydrated Cement Technology)-based, quick-setting, self-leveling, self-drying material. It is specially formulated for the resurfacing and construction of interior horizontal surfaces as a light-traffic industrial or commercial wear topping or underlayment for floor coverings.

USES

- *Ultraplan M20* can be used for fast-track resurfacing and construction of horizontal wear surfaces. This light gray product is designed to accept architectural stains as well as industrial/commercial sealers and coatings (verify compatibility and follow manufacturers' instructions).
- *Ultraplan M20* can be used for quick-turnaround leveling, smoothing and repairing of interior floors prior to the installation of floor coverings. Ceramic tile and natural stone can be installed in as little as 3 to 4 hours after application. Floor coverings – carpet, vinyl sheet goods, vinyl tile, vinyl composition tile (VCT), homogenous PVC, rubber, engineered wood plank, and polymer floor coatings and toppings – can be installed 16 to 24 hours after application.
- *Ultraplan M20* provides a palette for designing unique and artistic floors for retail stores, mall corridors and entrances, showroom floors, restaurant floors, hotel lobbies, loft apartments ... nearly anywhere a unique, creative floor is desired. *Ultraplan M20* can provide a nearly unlimited range of interesting effects when mixed with integral colorants and such unique

materials as marble aggregates and metals. The cements used in *Ultraplan M20* yield excellent results when finished by diamond polishing.

- *Ultraplan M20* is tough enough for industrial warehouse floors and loading docks subject to continual light vehicular and foot traffic.

RECOMMENDED SUBSTRATES

- Properly prepared, sound, dimensionally stable, fully cured concrete at least 28 days old and free from hydrostatic pressure. Consult the floor-covering or coating manufacturer's recommendations regarding the maximum allowable Moisture Vapor Emission Rate (MVER) and retained moisture content in substrate. For substrates with an MVER exceeding 5 lbs. per 1,000 sq. ft. (2,27 kg per 92,9 m²) per 24 hours using a calcium chloride test (reference ASTM F1869), MAPEI recommends installation of *Planiseal™ MRB* moisture-reduction barrier.

Note: Maximum allowable MVER is always determined by the complete system installed, including primers, underlayments/toppings, floor coverings and sealers. Today's wide variety of substrate conditions, floor coverings and adhesives requires careful analysis of the intended final floor use, as well as compliance with each manufacturer's recommendations for MVER, retained moisture content and adhesive selections. Always install several correctly located test areas to ensure compatibility, bond strength and performance of the complete flooring system.