



DUROGLASS CRETE



Uncompromising resistance

mpmsrl.com



DUROGLASS CRETE

represents excellence in industrial flooring, with high-level performance and durability, proven by a solid reputation gained over the course of four decades.



DUROGLASS CRETE Line

DUROGLASS CRETE is synonymous with innovation and functionality. Its extraordinary characteristics, from the absence of odours to resistance to thermal shocks, make it the ideal choice for high-performance industrial floors.

DUROGLASS CRETE has been designed to exceed expectations in every industrial field, guaranteeing durability, unparalleled mechanical and chemical resistance, as well as antibacterial properties for safe and hygienic environments.

DUROGLASS CRETE has established a benchmark for industrial floors and has been chosen by the agri-food, pharmaceutical, chemical and manufacturing industries for its reliability and durability. Its quick and practical installation meets the modern needs of the industry, ensuring safety, hygiene and environmental efficiency.

Fields of application



FOOD
INDUSTRY



PHARMACEUTICAL
CHEMISTRY



DAIRY PRODUCTION



HANGARS



WINE FACTORIES



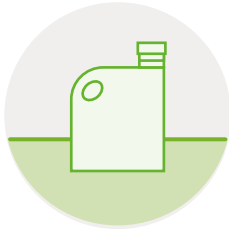
LOGISTICS AND
WAREHOUSES

Properties and characteristics of the **DUROGLASS CRETE** system

MECHANICAL
RESISTANCE



CHEMICAL
RESISTANCE



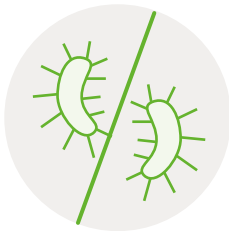
THERMAL
SHOCKS
RESISTANCE



NON-SLIP / SAFE



ANTIBACTERIAL
PROPERTIES



DURABILITY
OVER TIME



Certifications and Requirements

National and international regulations regarding safety and hygiene in industrial environments require strict standards for floors.

MPM offers high-performance certified solutions for various sectors, with qualified and certified solutions, such as the **DUROGLASS CRETE** line, ideal for diversified industries such as food, mechanical, chemical and pharmaceutical.

These floors ensure compliance with all safety and health requirements.



CE MARKING 1504-2

Products and systems for the protection and repair of concrete structures



CE MARKING 13813

Screeds and materials for screeds, properties and requirements



LEED

Design and build a building according to eco-sustainability criteria



INDOOR AIR COMFORT GOLD

compliance of products with the requirements of low VOC emission (volatile organic compounds)



HACCP

Protocol to protect the health and safety of the workplace



B fl – s1

Reaction-to-fire requirements for construction products



ON-SLIP

Surface roughness requirements for the safety of people



SEVERE CHEMICAL ATTACK

Resistance to aggressive chemicals according to UNI EN 13529



Mechanical Resistance and Durability

A **DUROGLASS CRETE** floor represents a valuable investment, essential for hygiene and safety. Its durability is guaranteed by carefully selected raw materials and proven chemical resistance.

DUROGLASS CRETE demonstrates high resistance to wear, mechanical stresses, and the continuous passage of forklifts and trolleys. These characteristics, combined with the ability to withstand severe chemical attacks and washing with boiling water, allow the **DUROGLASS CRETE** coating to guarantee a long life over time.

Chemical Resistance

Chemical aggression on floors can cause damage such as discoloration, staining, and loss of strength. **DUROGLASS CRETE** offers excellent resistance to aggressive chemicals such as oils, acids and solvents, ideal for industrial sectors exposed to hazardous liquids.

**DUROGLASS
CRETE SYSTEM**
some chemical
resistances

AGGRESSIVE	%	°C
ETHYL ACETATE	100%	20°C
LACTIC ACID	30%	60°C
HYDROCHLORIC ACID	10%	60°C
CITRIC ACID	50%	20°C
ACETIC ACID	50%	60°C
OLEIC ACID	100%	20°C
SODIUM HYDROXIDE	50%	60°C
NITRIC ACID	30%	20°C
PHOSPHORIC ACID	50%	20°C
SULPHURIC ACID	50%	60°C



Thermal Resistance

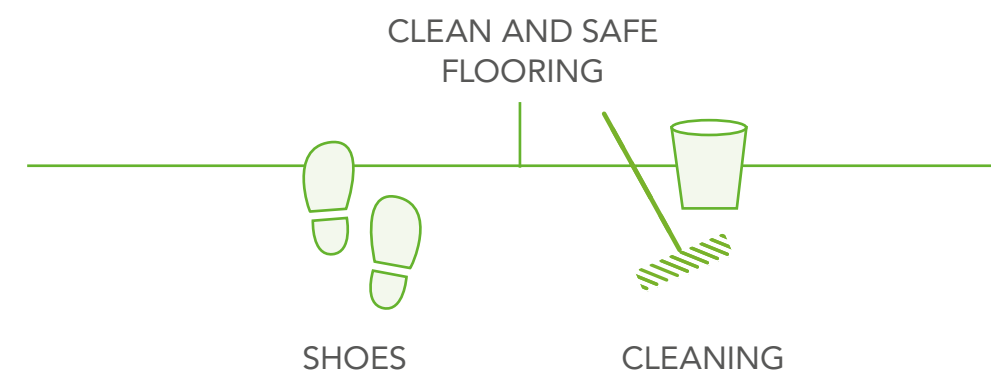
Thanks to their excellent thermal resistance, **DUROGLASS CRETE** floorings offer an ideal solution for industrial environments with extreme temperature variations. These floors withstand thermal shocks from -40°C to +150°C, guaranteeing stability and integrity even in the most demanding conditions.

In addition, **DUROGLASS CRETE** floors, with different thickness options, offer superior resistance to leakage of materials at high temperatures and extreme thermal shock conditions.

Slip resistance and safety

In the dynamic world of industry, safety is a priority, with the protection of people and the environment at the heart of every action. **DUROGLASS CRETE** flooring offers special finishes with different roughness levels, and meets strict requirements, ensuring safety and reliability.

With a focus on safety and quality, **DUROGLASS CRETE** products create functional and safe working environments, combining functionality with structural integrity, to the benefit of the user and the surrounding environment.



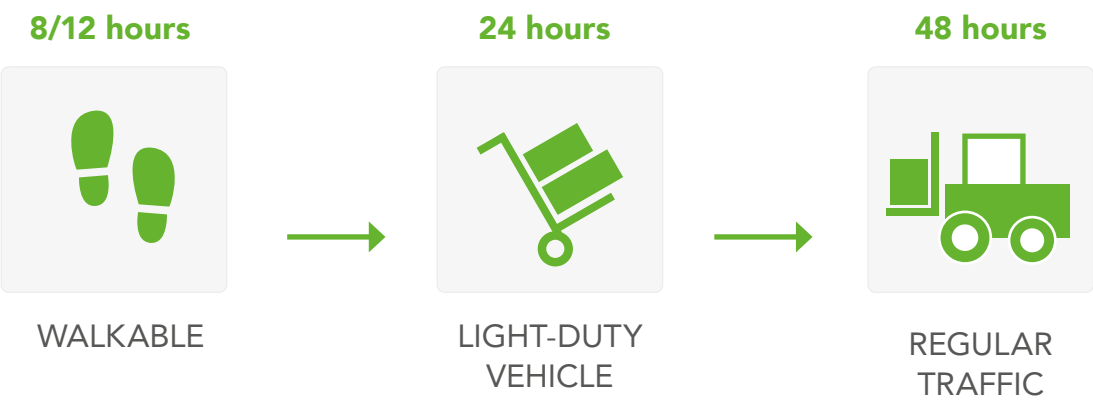


Laying speed

National and international regulations regarding safety and hygiene in industrial environments require strict standards for floors.

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Hygiene and cleaning

EU Regulation 852/2004 on food hygiene has supplemented the HACCP guidelines, specifying that floors in food handling, treatment and processing spaces must be kept in optimal condition, easy to wash and, if necessary, to disinfect, using durable, non-absorbent, washable and safe materials.

The products of the **DUROGLASS CRETE** line are specifically designed to guarantee high standards of hygiene and safety. Their chemical-physical characteristics allow washing with high temperature water and the use of specific detergents and disinfectants,

DUROGLASS CRETE floors contribute to general hygiene: compact and waterproof, they facilitate the continuous observance of hygienic standards and prevent bacterial proliferation, making flooring suitable for a wide range of industrial activities.



Quality and sustainability

Building sustainability assessment criteria are becoming increasingly important in the field of construction. The LEED (Leadership in Energy & Environmental Design) rating system for eco-friendly buildings introduced a process to assess whether a project was conceived and implemented in a sustainable manner.

MPM offers innovative and eco-sustainable floors, such as the **DUROGLASS CRETE** line, reducing emissions and promoting environmental health.

Their extended lifespan reduces waste, supporting sustainable resource management. Choosing **DUROGLASS CRETE** means opting for superior performance and responsible choices for the planet, confirming MPM's commitment to a better future.

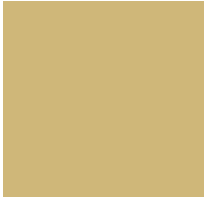
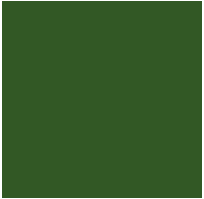


Products and colours

SYSTEM	THICKNESS (mm)		TYPE AND SURFACE	PACKAGING		CONSUMPTION kg/sqm
	min	max		Neutral	Coloured	
DUROGLASS CRETE HT	6	12	• Screed • Very rough	27,85 kg	28,07 kg	12 - 24
DUROGLASS CRETE FM ANTISKID	6	9	• Self-levelling • Rough	22,09 kg	22,32 kg	12 - 18
DUROGLASS CRETE FM	6	9	• Self-levelling • Slightly rough	22,09 kg	22,31 kg	12 - 18
DUROGLASS CRETE MT	4	6	• Self-levelling • Smooth	19,17 kg	19,39 kg	8 - 12
DUROGLASS CRETE LT	3	4	• Self-levelling • Smooth	24,52 kg	24,85 kg	6 - 8
DUROGLASS CRETE TOP	4	-	• Multilayer • Non-slip	8,10 kg	8,32 kg	-



A complete colour range

		
OXIDE RED (TYPE RAL 3009)	OCHRE YELLOW/OXY- DE (TYPE RAL 1004)	BEIGE (TYPE RAL 1014)
		
OXIDE GREEN (TYPE RAL 6010)	BLUE (TYPE RAL 5012)	GREY (TYPE RAL 7045)

Global support

The ideal partner for your work

For 70 years, MPM has been working alongside companies, designers and industries to offer certified and durable solutions.

The central technical office and the widespread network of professionals are able to offer assistance and support in any situation.





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The ideal partner for your work.

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