

TECHNICAL CHARACTERISTICS

PRODUCT CHARACTERISTICS	MAXFLOOR® MMA -P	MAXFLOOR® MMA -B	MAXFLOOR® MMA -F
General appearance and colour	Clear liquid resin	Clear liquid resin	Clear liquid resin
Density at 25°C, (g/cm ³)	1,00 ± 0,10	0,98 ± 0,10	1,00 ± 0,10
Viscosity at 25°C, DIN 53018 (mPa·s)	130-170	130-170	40-60
Flame temperature, ISO 1516 (°C)	11,5	11,5	11,5
APPLICATION AND CURING CONDITIONS			
Application conditions, T (°C) / R.H. (%)	From -30 to 30 / <85	From -30 to 30 / <85	From -30 to 30 / <85
Open time for mixing at 20 °C (min)	15	15	10
Drying time at 20 °C (min)	30	40	30
CURED PRODUCT CHARACTERISTICS			
Density at 20°C, ISO 1183 (g/cm ³)	1,16 ± 0,10	1,11 ± 0,10	1,18 ± 0,10
Tensile strength, ISO 527 (MPa)	10,3	8,3	42
Elongation at maximum tensile, ISO 527 (%)	0,62	6,6	2,9
Elasticity modulus, ISO 527 (MPa)	1.990	182	2.600
Elongation at break point, ISO 527 (%)	0,62	113	4,0
Elasticity modulus, ISO 527 (MPa)	182	182	182
Abrasion resistance, EN 13813		AR 0,5	AR 0,5
Reaction to fire class, UNE EN 13501-1:2007	Cfl-s1	Cfl-s1	Cfl-s1
Thickness / Consumption*			
Pure coating			
- Consumption per coat / total application, (kg/m ²)	0,3-0,5	0,5 / 1,0	0,25-0,3 / 0,25-0,6
Anti-slip broadcast multilayer system			
- Consumption of resin per coat / total application, (kg/m ²)	0,3-0,5	0,5-0,6 / 1,0-1,2	0,25-0,3 / 0,25-0,6
- Consumption of DRIZORO SILICA per application, (kg/m ²)		1,0-1,5	
Fluid MMA mortar			
- Binder to MAXFLOOR MMA-FILLER mixing ratio, (by weight)	-	1:2	-
- Thickness per application, (mm)	-	2,0-3,0	-
- Consumption per application, (kg/m ² ·mm)	0,3-0,5	0,6	-
- Consumption of resin per coat / total application, (kg/m ²)	-	-	0,25-0,3 / 0,5-0,6



DRIZORO
Construction Products

PRODUCTS AND SYSTEM

40
ANNIVERSARY
1977-2017

**Methylmethacrylate (MMA)
Flooring Systems for Very Urgent Uses
and/or low temperature applications**

MAXFLOOR® MMA



DRIZORO
Construction Products

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COMPANY

DRIZORO S.A.U. is a Spanish company established in **1977**, beginning activity its a manufacturer of chemical products for construction. Nowadays, the company is a leader on supplying speciality products and systems designed for waterproofing, concrete repair, flooring and decorative finishes.

Our **Headquarters** and Production Plant is based in Madrid (**Torrejón de Ardoz**) - Spain. This is also the base for all operations of the different departments; Production, Research & Development, Laboratory, Technical, Sales, Marketing and Administration.

COMMITMENT TO QUALITY AND ENVIRONMENT

Our strong commitment to Quality Control and the Environment has led us to establish an Integrated Quality and Environmental Management System. This is based on the ISO 9001:2015 and ISO 14001:2015 standards, and it was certified by *Bureau Veritas Quality International*.



COMMITMENT TO RESEARCH, DEVELOPMENT AND INNOVATION

Our strong commitment to Research and Development of both our product range and of human resources enables us to offer the market innovative systems with a high standard of quality whilst being mindful of environmental concerns. These developments are transferred into improvements to our products range. This is based on substantial market research, including on-site experience under the most adverse worldwide conditions, combined with laboratory studies.

TECHNICAL ASSISTANCE

Our Technical Department and Sales Network comprises of highly qualified professionals with wide experience and trained in the construction industry. They provide personalized advice to our clients during all phases of construction in order to specify the most suitable system of products.

MMA REPAIR AND PATCHING MORTAR: MAXPATCH® MC



1 Undercut the perimeter of area to be patched and then, clear until getting a sound substrate.



2 Apply the **MAXPATCH® MC** methyl methacrylate patching mortar.

	Application Temperature	Application thickness & Mixing ratios	Consumption (kg/m ² ·mm)	Putting into service
MAXPATCH® MC -W	From -20°C to 0°C	(5-15 mm) → 1 set MAXPATCH® MC + 10 kg DRIZORO® SILICA 0308	1,47 + 0,73	1 h
MAXPATCH® MC -S	From 0°C to 40°C	(15-120 mm) → 1 set MAXPATCH® MC + 12,5 kg DRIZORO® SILICA 3050	1,32 + 0,88	
		(>120 mm) → 1 set MAXPATCH® MC + 20 kg DRIZORO® SILICA 3050	1,10 + 1,10	

MMA COATING / FLOORING SYSTEM: MAXFLOOR® MMA

Very fast curing, methyl methacrylate (MMA) flooring system for finishing and protection of pavements.

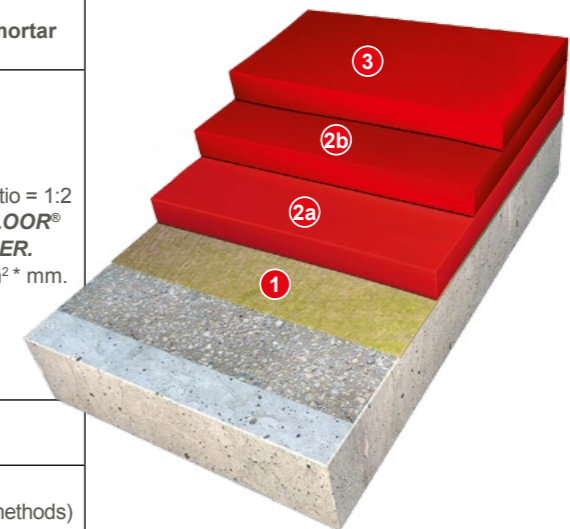
MAXFLOOR® MMA SYSTEM ADVANTAGES

- QUICK** Rapid installation. Very fast setting and return to service: 2 hours (1 hour for **MAXPATCH® MC**).
- COOL** Suitable for applications at very low temperatures (from -30°C to 30°C).
- Excellent resistance to a wide range of chemicals.
- High toughness, durability, resilience, and resistance to impact or abrasion: ramps, turns, etc.
- Strong and permanent adherence to concrete substrate.
- Waterproofness to liquids.
- NO** Great resistance to cracking.
- EASY** Easy to apply. Hygienic and easy to clean surfaces.

Wide range for aesthetic options: smooth, anti-slippery and decorative finishing.

MAXFLOOR® MMA SYSTEM

1 Priming	MAXFLOOR® MMA -P MAXFLOOR® MMA -PW (Suitable for damp substrate) Consumption: 0,3-0,5 kg/m ²		
🕒 1 hour			
2 Base	MAXFLOOR® MMA -B MAXFLOOR® MMA -BD (Flexible version)		
	Smooth finishing	Anti-slippery finishing	Fluid mortar
	0,5 kg/m ² x 2 coats	2a 1st coat 0,5 - 0,6 kg/m ² + DRIZORO® SILICA 0204/0308 (dusting) 2b + 2nd coat 0,5 - 0,6 kg/m ²	Mixing ratio = 1:2 MAXFLOOR® FILLER. 0,6 kg/m ² * mm.
🕒 1 hour			
3 Finishing	MAXFLOOR® MMA -F MAXFLOOR® MMA -FH (Suitable for hot cleaning methods) Consumption: 0,25-0,30 kg/m ² per coat, in 1 or 2 coats		



AESTHETIC FINISHING WITH MAXEPOX® COLOR



WELL-GRADED GRANULOMETRY, DRY AND COLOURED SILICA SAND (AVAILABLE IN 8 DIFFERENT COLOURS)