

CONMARBLE
NATURAL FINISHES



TECHNICAL REPORT
CEMHER MICRODUR PLUS

System description and technical data report, 11 April 2023

A CONMARBLE NATURAL FINISHES SYSTEM · MICROCEMENT

PRODUCT MANUFACTURED BY

CEMHER

Cemher · Spain

DOCUMENT ISSUED BY

Pinturas Kilnher, S.L., Valencia, Spain

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JULY 2026

TECNICAL REPORT

TEST REPORT 11042023



Company: Pinturas Kilnher S.L.
System: Cemher Microdur Plus.
System description: Coating system based on microcement for flooring.
Tecnichal data report: 11-04-2023

SYSTEM DESCRIPTION

In the present test, the MICRODUR PLUSSYSTEM coating formed by:

Base microcement: Microdur Plus Base
Microcement finition: Microdur Plus Regular
Microcement coating: Maxipur 100% (Bi-component Poliurethane solvent base)

SYSTEM PREPARATION

Support: Concrete test piece measuring 40x40 cm 4 cm. Of thickness.
Base microcement: Microdur Plus Base, applied by trowel, in two layers, with interval of 24 hour between layers, with a total consumption of 2 kg/m².
Microcement finition: Microdur Plus Regular, applied by trowel, in two layers, in a 24 hour interval between layers, with a total consumption of 1 kg/m².
Coat: Maxipur 100% (Ratio Component A/B 1:1. Applied by roller, in two layers, in 12 h. Interval between layers, with a consumption of 120 gr/m²).

SUMMARY NORMATIVE CERTIFICATION

MICRODUR PLUS SYSTEM

PRODUCT NAME	CODE
MICRODUR PLUS BASE	01
MICRODUR PLUS REGULAR	02
MAXIPUR 100%	03

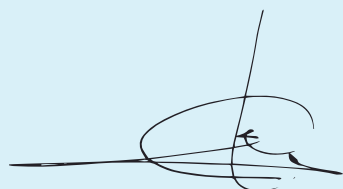
FEATURE SUMMARY

CHARACTERISTICS	CODE	TEST REGULATIONS	BENEFITS	CLASSIFICATION	HARMONIZED TECHNICAL STANDARD
Resistance to compression	01+02	UNE EN 13892-2:2005	≥ 50 Mpa	C50	UNE EN 13813: 2014
Flexural strength	01+02	UNE EN 13892-2:2005	≥ 10 Mpa	F10	
Adherence	01+02	UNE EN 13892-8:2003	≥ 4 MPa	B4,0	
Resistance to wear	01+02+03	UNE EN 13892-4:2003	≤ 45 μ m	AR0,5	
Abrasion resistance	01+02+03	UNE EN 13892-5	Taber -CS17:- 1000gr:1000rpm	Thick (99 μ) Loss (45 mg)	
Impact resistance	01+02+03	UNE EN ISO 6272-1:2012	18,5 Nm	IR 18	
Permeability of liquid water (capillary absorption)	01+02+03	UNE EN 1062-3:2008	≤ 0.1 kg.m ² .h ^{0.5}	Class II (W3) (baja))	UNE EN 1504-2 20005
Water vapor permeability	01+02+03	UNE EN ISO 7783-2:2012	Sd=0,70 $\pm$ 0,13 m	Class I (permeable)	
Slipperiness	01+02+03	UNE ENV 12633:2002	USRV:41	Class 2	Building technical code- Spain
Reaction to fire	01+02	UNE EN 13501-1:2019	A1	A1 _{FL}	

This is a 3 pages test report.

SURFACE RESISTANCE TO COLD LIQUIDS EN 12720:2013								PERFORMANCE
/ = not necessary 5 = no change 4 = minor change visible only under reflected light 3 = small change visible from several viewing directions 2 = marked change or slight surface degradation 1 = pronounced change or marked surface degradation								Class B within 1 hour
PRODUCTS	CONTACT TIME							
	24 hours	16 hours	6 hours	1 hour	10 min	2 min	2 sec	
Acetic acid (aqueous sol. 10%)	-	5	-	5	-	/	-	
Hydrochloric acid	-	5	-	5	-	-	-	
Acetone	-	-	-	-	5	-	5	
Ammonia (aqueous sol. 10%)	-	5	-	5	-	/	-	
Citric acid (aqueous sol. 10%)	-	5	-	/	-	/	-	
Detergent solution	-	5	/	/	/	/	-	
Coffee	-	4	-	5	5	/	-	
Ethanol (aqueous sol. 48%)	-	-	5	/	/	-	-	
Distilled water	5	/	/	/	-	-	-	
Bleach	-	-	-	5	-	-	-	

Signed by and on behalf of the manufacturer by:



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 Andrés Hernández
 Laboratory Technical Director