

CERTIFICATE OF PRODUCT CONFORMITY

Dubai Central Laboratory Department (DCLD) of Dubai Municipality
hereby attests that the product(s)

Low Emitting Materials

(Details as per the attached Scope of Certification)

manufactured by:

MAPEI CONSTRUCTION CHEMICALS LLC

Plot No. 597-191, Dubai Investment Park 2, Jebel Ali, Dubai, United Arab Emirates

have been assessed in accordance with DCLD Document Ref. No. DM-DCLD-RD-DP21-2001 (IC) "General Rules for DM third party product certification system through factory assessment" and the relevant Specific Rules, and were found in conformity with the standard specification:

2017 AL SA'FAT DUBAI GREEN BUILDING EVALUATION SYSTEM

Accordingly, DCLD hereby authorizes the above manufacturer
to affix the DCL Product Conformity Mark on the above-mentioned product(s).



for / ENGR. AMIN AHMED AMIN
Director, Dubai Central Laboratory Department
Dubai Municipality



Certificate No: CL18020642
Valid Until: 06/11/2021



Current Issue Date: 07/11/2020
Original Issue Date: 07/11/2018



The attached Scope of Certification bearing the same Certificate Number forms an integral part of this Certificate.
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DUBAI CENTRAL LABORATORY DEPARTMENT
DCL PRODUCT CONFORMITY CERTIFICATION SCHEME

SCOPE OF CERTIFICATION
FOR CERTIFICATE NO. CL18020642

Certificate Issued To: **MAPEI CONSTRUCTION CHEMICALS LLC**
Plot No. 597-191, Dubai Investment Park 2, Jebel Ali,
Dubai, United Arab Emirates

Applicable Standard Specification: 2017 Al Sa'fat – Dubai Green Building Evaluation System.

Applicable Specific Rules: **DM-DCLD-RD-DP21-2180 (IC)** – Specific Rules for FA Certification of Low Emitting Materials as per Al Sa'fat – Dubai Green Building Evaluation System.

S/N	PRODUCT DESCRIPTION	BRAND NAME	PRODUCT DETAILS
1.	Roof Paint/Roof Coating	ELASTOCOLOR WATERPROOF	Water Base - One pack performance coating (Sub-Category 9) VOC (Al Sa'fat DGBES limit is max.140 g/l) SRI Class 1 (≥ 78) – “Can be Used in 75 - 100% of surface to be coated – Sloped or Flat Roof” - « WHITE » <u>*SRI and LRV (See Note 3)</u>
		AQUAFLEXROOF	
		AQUAFLEXROOF HR	
2.	Paint (Wall Exterior)	ELASTOCOLOR WATERPROOF	Water Base - One pack performance coating (Sub-Category 9) VOC (Al Sa'fat DGBES limit is max.140 g/l) LRV Class 1 ($\Rightarrow 45$) – “Can be used in 75-100% of surface to be /painted/coated” - « WHITE » Heavy metals: Cadmium and Chromium VI (Al Sa'fat DGBES limit < 500 mg/Kg), Arsenic, Mercury and Lead (GBRS limit <100 mg/Kg) Formaldehyde ≤ 10 mg/kg <u>*SRI and LRV (See Note 3)</u>
		ELASTOCOLOR PAINT	
3.	Paint (Interior)	COLORITE MATT	Water Base - Interior matt walls and ceilings paint (Gloss <25 @ 60°C) (Sub-Category 1) VOC (Al Sa'fat DGBES limit is max. 30 g/l) Heavy metals: Cadmium and Chromium VI (GBRS limit < 500 mg/Kg), Arsenic, Mercury and Lead (Al Sa'fat DGBES limit <100 mg/Kg) Formaldehyde ≤ 10 mg/kg
		SILANCOLOR BASE COAT	Water Base - Primers (Sub-Category 7)
		SILANCOLOR CLEANER PLUS	



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		SILEXCOLOR BASE COAT	VOC (Al Sa'fat DGBES limit is max. 30 g/l) Heavy metals: Cadmium and Chromium VI (GBRS limit < 500 mg/Kg), Arsenic, Mercury and Lead (Al Sa'fat DGBES limit <100 mg/Kg) Formaldehyde ≤ 10 mg/kg
		QUARZOLITE BASE COAT	
		PRIMER EP RUSTOP	Solvent Base - Primers (Sub-Category 7) VOC (Al Sa'fat DGBES limit is max. 350 g/l) Heavy metals: Cadmium and Chromium VI (Al Sa'fat DGBES limit < 500 mg/Kg), Arsenic, Mercury and Lead (GBRS limit <100 mg/Kg) Formaldehyde ≤ 10 mg/kg
		MAPECOAT TNS BASE COAT	Water Base - One pack performance coating (Sub-Category 9) VOC (Al Sa'fat DGBES limit is max. 140 g/l) Heavy metals: Cadmium and Chromium VI (Al Sa'fat DGBES limit < 500 mg/Kg), Arsenic, Mercury and Lead (GBRS limit <100 mg/Kg) Formaldehyde ≤ 10 mg/kg
		MAPECOAT TNS COLOR	
		MAPECOAT TNS FINISH	
		MAPECOAT TNS LINE	
		MAPEFLOOR FINISH 451 - ALIPHATIC	Solvent Base - Two pack reactive performance coatings for specific end use such as floors (Sub-Category 10) VOC (Al Sa'fat DGBES limit is max. 500 g/l) Heavy metals: Cadmium and Chromium VI (Al Sa'fat DGBES limit < 500 mg/Kg), Arsenic, Mercury and Lead (GBRS limit <100 mg/Kg) Formaldehyde ≤ 10 mg/kg
		MAPEFLOOR FC 200 ME	
		MAPEFLOOR I 300 SL TRP	
		MAPEFLOOR I 320 SL CONCEPT	
		MAPEFLOOR I 360 AS	
		MAPEFLOOR I 500 W	
		MAPEFLOOR I 390 EDF	
		MAPEFLOOR PU 410	
		MAPEFLOOR PU 461	
		MAPECOAT DW 25	
		MAPECOAT I 24	
		MAPEFLOOR FINISH 50 N - Aliphatic	
		MAPEFLOOR FINISH 55 - Aliphatic	
		PU 700 SL	
		MAPEFLOOR EP 19 ME**	
		MAPEFLOOR I 300 SL ME**	
		MAPEFLOOR FINISH 415 ME**	
		MAPEFLOOR FINISH 450 ME**	



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		MAPECOAT W	Water Base - Two pack reactive performance coatings for specific end use such as floors (Sub-Category 10) VOC (Al Sa'fat DGBES limit is max. 140 g/l) Heavy metals: Cadmium and Chromium VI (Al Sa'fat DGBES limit < 500 mg/Kg), Arsenic, Mercury and Lead (GBRS limit <100 mg/Kg) Formaldehyde ≤ 10 mg/kg
		MAPEFLOOR FINISH 52 W - Aliphatic	
		MAPEFLOOR FINISH 58 W - Aliphatic	
		MAPEFLOOR FINISH 53 W/L - Aliphatic	
		MAPEFLOOR FINISH 54 W/S - Aliphatic	
		MAPEFLOOR FINISH 630 - Acrylic Film Forming	
		PU 200 FINISH	
		ELASTOCOLOR TONACHINO PLUS	Water Base - Multi colored coatings (Sub-Category 11) VOC (Al Sa'fat DGBES limit is max. 100 g/l) Heavy metals: Cadmium and Chromium VI (Al Sa'fat DGBES limit < 500 mg/Kg), Arsenic, Mercury and Lead (Al Sa'fat DGBES limit <100 mg/Kg) Formaldehyde ≤ 10 mg/kg
		SILANCOLOR AC PAINT	
		SILANCOLOR AC TONACHINO	
		SILANCOLOR TONACHINO	
		SILANCOLOR TONACHINO PLUS	
		COLORITE PERFORMANCE	
		SILANCOLOR PAINT PLUS	
		QUARZOLITE PAINT	
		SILEXCOLOR PAINT	
4.	Coatings (other than paint) for exterior wall application	SILANCOLOR BASE COAT	Water Base - Primers (Sub-Category 7) VOC (Al Sa'fat DGBES limit is max. 30 g/l) LRV Class 2 (<45) – “Can be used in 0-25% of surface to be painted/coated” - « NEUTRAL » <u>*SRI and LRV (See Note 3)</u>
		SILANCOLOR CLEANER PLUS	
		SILEXCOLOR BASE COAT	
		QUARZOLITE BASE COAT	Water Base - One pack performance coatings (Sub-Category 9) VOC (Al Sa'fat DGBES limit is max. 140 g/l) LRV Class 2 (<45) – “Can be used in 0-25% of surface to be painted/coated” - « NEUTRAL » <u>*SRI and LRV (See Note 3)</u>
		ANTIPLUVIOL W	
		ANTIPLUVIOL	
		ANTIPLUVIOL S	



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		<i>QUARZOLITE TONACHINO</i>	Water Base - Multi colored coatings (Sub-Category 11) VOC (Al Sa'fat DGBES limit is max. 100 g/l) LRV Class 2 (<45) – “Can be used in 0-25% of surface to be painted/coated” - « LIGHT GREY » <u>*SRI and LRV (See Note 3)</u>
5.	Coatings (other types not covered by above)	<i>ULTRACOAT HIGH TRAFFIC</i>	Water Base - Interior/exterior trim varnishes and woodstains, including opaque woodstain (Sub-Category 5) VOC (Al Sa'fat DGBES limit is max. 130 g/l)
		PRIMER EP RUSTOP	Solvent Base - Primers (Sub-Category 7) VOC (Al Sa'fat DGBES limit is max. 350 g/l)
		MAPEFLOOR I 914	
		PRIMER BI	
		PRIMER EP	
		PRIMER SN	
		<i>ECO PRIM PU 1K</i>	
		ECO PRIM PU 1K TURBO	
		EPORIP	
		PU SEALER 750	
		MAPEFER 1K	
		MAPECOAT I 600 W	Water Base - Primers (Sub-Category 7) VOC (Al Sa'fat DGBES limit is max. 30 g/l)
		ELASTOCOLOR PRIMER	
		<i>MALECH</i>	
		PRIMER W-AS	
		SILEXCOLOR PRIMER	
		SILANCOLOR PRIMER	
		SILANCOLOR PRIMER PLUS	
		MAPECOAT TNS PRIMER EPW	
		ECOPRIM T	
		<i>PRIMER G</i>	
		TRIBLOCK P	
		PRIMER G CONDUCTIVE	
		<i>PRIMER MF</i>	Solvent Base - Binding Primers (Sub-Category 8) VOC (Al Sa'fat DGBES limit is max. 750 g/l)
		<i>ULTRACOAT OIL WAX</i>	Solvent Base - One pack performance coatings (Sub-Category 9) VOC (Al Sa'fat DGBES limit is max. 500 g/l)



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		ECO PRIM GRIP	Water Base - One pack performance coatings (Sub-Category 9) VOC (Al Sa'fat DGBES limit is max. 140 g/l)
		PLANISEAL 88* (see Note 4)	
		MAPEGUM WPS	
		MAPELASTIC AQUADEFENSE	
		MAPECRETE CRÈME PROTECTION - Water-repellent	
		MAPECRETE STAIN PROTECTION - Stain resistant	
		MAPECRETE LI HARDENER - Protective Consolidating	
		MAPELUX LUCIDA	
		MAPELUX OPACA	
		PROSFAS	
		MAPECOAT TNS BASE COAT	
		MAPECOAT TNS COLOR	
		MAPECOAT TNS FINISH	
		MAPECOAT TNS LINE	
		ULTRAPLAN* (see Note 4)	Water Base - One pack performance coatings (Sub-Category 9) VOC (Al Sa'fat DGBES limit is max. 140 g/l)
		ULTRAPLAN ECO* (see Note 4)	
		ULTRAPLAN ECO 20* (see Note 4)	
		ULTRAPLAN MAXI* (see Note 4)	
		ULTRAPLAN MAXI + FIBRE* (see Note 4)	
		ULTRATOP	
		ULTRATOP LOFT F	
		ULTRATOP LOFT W	
		ULTRAPLAN FAST TRACK	
		ULTRAPLAN FIBRE* (see Note 4)	
		PLANEX HR	
		PLANEX HR MAXI	
		PLANIPREP FAST TRACK	
		PLANIPREP 4 LVT	
		MAPECOAT TNS URBAN	



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		MAPELASTIC* (see Note 4)	Water Base - Two pack reactive performance coatings for specific end use such as floors (Sub-Category 10) VOC (Al Sa'fat DGBES limit is max. 140 g/l)
		MAPELASTIC SMART* (see Note 4)	
		MAPECOAT W	
		MAPECOAT W SP	
		TRIBLOCK TMB	
		MAPEFLOOR FINISH 52 W - Aliphatic	
		MAPEFLOOR FINISH 58 W - Aliphatic	
		MAPEFLOOR FINISH 53 W/L - Aliphatic	
		MAPECOAT I 620 W	
		MAPEFLOOR FINISH 54 W/S - Aliphatic	
		MAPEFLOOR DÉCOR 700	
		MAPEFLOOR FINISH 630 - Acrylic Film Forming	
		MAPECOAT 4 LVT	
		MAPECOAT WET & DRY R11	
		MAPECOAT TNS PROTECTION	
		ULTRACOAT PREMIUM BASE	
		MAPEFLOOR FINISH 451 - ALIPHATIC	Solvent Base - Two pack reactive performance coatings for specific end use such as floors (Sub-Category 10) VOC (Al Sa'fat DGBES limit is max. 500 g/l)
		MAPEFLOOR I 300 SL TRP	
		MAPEFLOOR PU 410	
		MAPEFLOOR PU 461	
		MAPEFLOOR I 900	
		DURESIL EB	
		MAPECOAT DW 25	
		MAPECOAT I 24	
		MAPEFLOOR CPU/COVE	
		MAPEFLOOR CPU/HD	
		MAPEFLOOR CPU/MF	
		MAPEFLOOR CPU/RT	
		MAPEFLOOR CPU/TC	
		PURTOP 400 M	
		PURTOP 1000	



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		MAPEFLOOR FINISH 50 N - Aliphatic	
		MAPEFLOOR FINISH 55 - Aliphatic	
		PU 700 SL	
		MAPEFLOOR EP 19 ME**	
		MAPEFLOOR I 300 SL ME**	
		MAPEFLOOR FINISH 415 ME**	
		MAPEFLOOR FINISH 450 ME**	
6.	Adhesives	ADESILEX MT 32	
		AQUACOL T	
		MAPECRYL ECO	
		ULTRABOND ECO 170	
		ULTRABOND ECO 375	
		ULTRABOND ECO 380	
		ULTRABOND ECO 4 LVT	
		ULTRABOND ECO 520	
		ULTRABOND ECO FIX	
		ULTRABOND ECO MS 4 LVT WALL	
		ULTRABOND ECO TACK 4 LVT	
		ULTRABOND ECO 575	Cove Base Adhesive VOC (Al Sa'fat DGBES limit is max. 50 g/l)
		ULTRABOND ECO CONTACT	Special Purpose Contact Adhesive VOC (Al Sa'fat DGBES limit is max. 250 g/l)
		ULTRABOND ECO FAST TRACK	Top and Trim Adhesive VOC (Al Sa'fat DGBES limit is max. 250 g/l)
		ULTRABOND ECO S955 1K	
		ULTRABOND P990 1K	
		ULTRABOND P980 1K	
		ULTRABOND ECO P909 2K	
		LIGNOBOND	
		ULTRABOND ECO V4SP	
		ULTRABOND ECO V4SP CONDUCTIVE	
		ULTRABOND ECO V4SP FIBER	
		MAPEFLOOR PORE FILLER	
		ADESILEX G19	
		ADESILEX G19 CONDUCTIVE	
		ULTRABOND ECO 571 2K	
			Rubber Floor Adhesive VOC (Al Sa'fat DGBES limit is max. 60 g/l)



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		ULTRABOND TURF PU 1K	Carpet Pad Adhesive VOC (Al Sa'fat DGBES limit is max. 50 g/l)
		ULTRABOND ECO TACK	
		ULTRABOND TURF PU 1K LC	Multipurpose Construction Adhesive VOC (Al Sa'fat DGBES limit is max. 70 g/l)
		<i>ULTRABOND TURF PU 2K</i>	
		ULTRABOND TURF 2 STARS	Ceramic Tile Adhesive VOC (Al Sa'fat DGBES limit is max. 65 g/l)
		<i>MAPEFLOOR I 910</i>	
		MAPEFLOOR BINDER 930	
		MAPESET*	
		<i>(see Note 4)</i>	
		KERASET*	
		<i>(see Note 4)</i>	
		KERABOND T*	
		<i>(see Note 4)</i>	
		ADESILEX P7*	
		<i>(see Note 4)</i>	
		ADESILEX P9*	
		<i>(see Note 4)</i>	
		ADESILEX P10*	
		<i>(see Note 4)</i>	
		KERAFLEX*	
		<i>(see Note 4)</i>	
		KERAFLEX MAXI S1*	
		<i>(see Note 4)</i>	
		<i>GRANIRAPID*</i>	
		<i>(see Note 4)</i>	
		ELASTORAPID	
		ULTRALITE S1*	
		<i>(see Note 4)</i>	
		ULTRALITE S2*	
		<i>(see Note 4)</i>	
		ULTRALITE S1 QUICK*	
		<i>(see Note 4)</i>	
		ULTRALITE S2 QUICK*	
		<i>(see Note 4)</i>	
		KERAPOXY ADHESIVE	
		FLEXCOLOR 4 LVT	
		KERALASTIC	
		<i>KERALASTIC T</i>	
		KERAPOXY	
		ULTRABOND ECO PU 2K	



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7.	Sealants	MAPESIL AC	Architectural VOC (Al Sa'fat DGBES limit is max. 250 g/l)
		MAPESIL LM	
		MAPESIL Z PLUS	
		MAPEFLEX PU 45 FT	
		MAPEFLEX PU S25	
		SILWOOD	
		MAPEFLEX AC4	
		MAPEFLEX PU 65	Roadway VOC (Al Sa'fat DGBES limit is max. 250 g/l)

**-additional products

NOTE 1: This document forms part of the Certificate of Product Conformity bearing the same certificate number.

NOTE 2: The above products shall bear the DCL Conformity Mark.

NOTE 3: For colors/types not covered by the Scope, SRI and LRV shall be tested and classified based on the application of the product in the construction site to ensure that it meets the requirements of the Al Sa'fat – Dubai Green Building Evaluation System.

- SRI Class 1 (> 78) – “Can be Used in 75 - 100% of surface to be coated – Sloped or Flat Roof”
- SRI Class 2 (29<78) - “Can be Used in 75 - 100% of surface to be coated – Sloped Roof”
- SRI Class 3 (< 29 or untested) – “Can be Used in 0 – 25% of surface to be coated – Sloped or Flat Roof provided the remaining area is Class 1 or 2”
- LRV Class 1 (=>45) – “Can be used in 75-100% of surface to be /painted/coated”
- LRV Class 2 (<45 or untested) – “Can be used in 0-25% of surface to be painted/coated provided the remaining area is Class 1”.

NOTE 4: Products with * are produced in **MAPEI CONSTRUCTION CHEMICALS LLC** located at Plot No. 597-191, Dubai Investment Park 2, Jebel Ali, Dubai, United Arab Emirates, and the remaining products are produced by the mother company, **MAPEI S.P.A** located in Strada Provinciale, 159 20060 Robbiano di Mediglia, Milan (MI), Italy, as the outsourced factory of **MAPEI CONSTRUCTION CHEMICALS LLC**.



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ARIF HUSAIN AL MARZOOQI

Products Conformity Assessment Section Manager
Dubai Central Laboratory Department