

CERTIFICATE OF PRODUCT CONFORMITY

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

Low Emitting Materials (Paints, Coatings, Adhesives, Sealants)

(Details as per the attached Scope of Certification)

manufactured by:

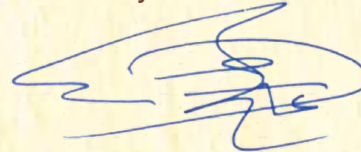
MAPEI CONSTRUCTION CHEMICALS LLC

Plot No. 597-191, Dubai Investment Park 2, Dubai

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 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: 06/11/2019



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

The attached Scope of Certification bearing the same Certificate Number forms an integral part of this Certificate.
This Certificate is an electronic document subject to the Terms and Conditions of the Product Certification System and shall not be reproduced except in full.



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 Based - One pack performance coating (Sub-Category 9) VOC (GBRS 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 Based - One pack performance coating (Sub-Category 9) VOC (GBRS 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 (GBRS 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 Based - Interior matt walls and ceilings paint (Gloss <25 @ 60°C) (Sub-Category 1) VOC (GBRS limit is max. 30 g/l) Heavy metals: Cadmium and Chromium VI (GBRS limit < 500 mg/Kg), Arsenic, Mercury and Lead (GBRS limit <100 mg/Kg) Formaldehyde ≤ 10 mg/kg



DUBAI CENTRAL LABORATORY DEPARTMENT
DCL PRODUCT CONFORMITY CERTIFICATION SCHEME

**SCOPE OF CERTIFICATION
FOR CERTIFICATE NO. CL18020642**

		SILANCOLOR BASE COAT	<p>Water Based - Primers (Sub-Category 7)</p> <p>VOC (GBRS limit is max. 30 g/l)</p> <p>Heavy metals: Cadmium and Chromium VI (GBRS limit < 500 mg/Kg), Arsenic, Mercury and Lead (GBRS limit <100 mg/Kg)</p> <p>Formaldehyde ≤ 10 mg/kg</p>
		SILANCOLOR CLEANER PLUS	
		SILEXCOLOR BASE COAT	
		QUARZOLITE BASE COAT	
		PRIMER EP RUSTOP	<p>Solvent Based - Primers (Sub-Category 7)</p> <p>VOC (GBRS limit is max. 350 g/l)</p> <p>Heavy metals: Cadmium and Chromium VI (GBRS limit < 500 mg/Kg), Arsenic, Mercury and Lead (GBRS limit <100 mg/Kg)</p> <p>Formaldehyde ≤ 10 mg/kg</p>
		MAPECOAT TNS BASE COAT	<p>Water Based - One pack performance coating (Sub-Category 9)</p> <p>VOC (GBRS limit is max. 140 g/l)</p> <p>Heavy metals: Cadmium and Chromium VI (GBRS limit < 500 mg/Kg), Arsenic, Mercury and Lead (GBRS limit <100 mg/Kg)</p> <p>Formaldehyde ≤ 10 mg/kg</p>
		MAPECOAT TNS COLOR	
		MAPECOAT TNS FINISH	
		MAPECOAT TNS LINE	
		MAPEFLOOR FINISH 451 - ALIPHATIC	<p>Solvent Based - Two pack reactive performance coatings for specific end use such as floors (Sub-Category 10)</p> <p>VOC (GBRS limit is max. 500 g/l)</p> <p>Heavy metals: Cadmium and Chromium VI (GBRS limit < 500 mg/Kg), Arsenic, Mercury and Lead (GBRS limit <100 mg/Kg)</p> <p>Formaldehyde ≤ 10 mg/kg</p>
		MAPEFLOOR FC 200 ME	
		MAPEFLOOR I 300 SL	
		MAPEFLOOR I 300 SL TRP	
		MAPEFLOOR I 320 SL CONCEPT	
		MAPEFLOOR I 360 AS	

DUBAI CENTRAL LABORATORY DEPARTMENT
DCL PRODUCT CONFORMITY CERTIFICATION SCHEME

**SCOPE OF CERTIFICATION
FOR CERTIFICATE NO. CL18020642**

	MAPEFLOOR I 500 W	
	MAPEFLOOR I 390 EDF	
	MAPEFLOOR PU 400	
	<i>MAPEFLOOR PU 410</i>	
	MAPEFLOOR PU 460	
	MAPEFLOOR PU 461	
	MAPECOAT DW 25	
	MAPECOAT I 24	
	MAPEFLOOR FINISH 415 - AROMATIC	
	MAPEFLOOR FINISH 50 N - Aliphatic	
	MAPEFLOOR FINISH 55 - Aliphatic	
	PU 700 SL	
	MAPECOAT W	
	MAPEFLOOR FINISH 52 W - Aliphatic	
	<i>MAPEFLOOR FINISH 58 W - Aliphatic</i>	
	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 Based - Multi colored coatings (Sub-Category 11) VOC (GBRS limit is max. 100 g/l)
	SILANCOLOR AC PAINT	



DUBAI CENTRAL LABORATORY DEPARTMENT
DCL PRODUCT CONFORMITY CERTIFICATION SCHEME

**SCOPE OF CERTIFICATION
FOR CERTIFICATE NO. CL18020642**

		SILANCOLOR AC TONACHINO	Heavy metals: Cadmium and Chromium VI (GBRS limit < 500 mg/Kg), Arsenic, Mercury and Lead (GBRS limit <100 mg/Kg) Formaldehyde ≤ 10 mg/kg
		<i>SILANCOLOR GRAFFIATO</i>	
		SILANCOLOR TONACHINO	
		SILANCOLOR TONACHINO PLUS	
		COLORITE PERFORMANCE	
		SILANCOLOR PAINT PLUS	
		<i>QUARZOLITE PAINT</i>	
		SILEXCOLOR PAINT	
		SILEXCOLOR TONACHINO	
		QUARZOLITE TONACHINO PLUS	
4	Coatings (other than paint) for exterior wall application	SILANCOLOR BASE COAT	Water Based - Primers (Sub-Category 7) VOC (GBRS 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>
		<i>SILANCOLOR CLEANER PLUS</i>	
		SILEXCOLOR BASE COAT	
		QUARZOLITE BASE COAT	
		<i>ANTIPLUVIOL W</i>	Water Based - One pack performanc coatings (Sub-Category 9) VOC (GBRS 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	
		ANTIPLUVIOL S	



DUBAI CENTRAL LABORATORY DEPARTMENT
DCL PRODUCT CONFORMITY CERTIFICATION SCHEME

**SCOPE OF CERTIFICATION
FOR CERTIFICATE NO. CL18020642**

		<i>QUARZOLITE TONACHINO</i>	Water Based - Multi colored coatings (Sub-Category 11) VOC (GBRS 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 Based - Interior/exterior trim varnishes and woodstains, including opaque woodstain (Sub-Category 5) VOC (GBRS limit is max. 130 g/l)
		PRIMER EP RUSTOP	Solvent Based - Primers (Sub-Category 7) VOC (GBRS 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 Based - Primers (Sub-Category 7) VOC (GBRS 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	



DUBAI CENTRAL LABORATORY DEPARTMENT
DCL PRODUCT CONFORMITY CERTIFICATION SCHEME

**SCOPE OF CERTIFICATION
FOR CERTIFICATE NO. CL18020642**

	ECOPRIM T	
	<i>PRIMER G</i>	
	TRIBLOCK P	
	PRIMER G CONDUCTIVE	
	<i>PRIMER MF</i>	Solvent Based - Binding Primers (Sub-Category 8) VOC (GBRS limit is max. 750 g/l)
	<i>ULTRACOAT OIL WAX</i>	Solvent Based - One pack performance coatings (Sub-Category 9) VOC (GBRS limit is max. 500 g/l)
	<i>ECO PRIM GRIP</i>	Water Based - One pack performance coatings (Sub-Category 9) VOC (GBRS limit is max. 140 g/l)
	<i>PLANISEAL 88*</i> (see Note 4)	
	<i>MAPEGUM WPS</i>	
	MAPELASTIC AQUADEFENSE	
	MAPECRETE CRÈME PROTECTION - Water-repellent	
	MAPECRETE STAIN PROTECTION - Stain resistant	
	MAPECRETE LI HARDENER - Protective Consolidating	
	MAPELUX LUCIDA	
	MAPELUX OPACA	
	<i>PROSFAS</i>	
	MAPECOAT TNS BASE COAT	
	MAPECOAT TNS COLOR	
	MAPECOAT TNS FINISH	



DUBAI CENTRAL LABORATORY DEPARTMENT
DCL PRODUCT CONFORMITY CERTIFICATION SCHEME

**SCOPE OF CERTIFICATION
FOR CERTIFICATE NO. CL18020642**

		MAPECOAT TNS LINE	
		ULTRAPLAN* (see Note 4)	Water Based - One pack performance coatings (Sub-Category 9) VOC (GBRS 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	
		ULTRAPLAN MARINE 900	
		PLANIPREP FAST TRACK	
		PLANIPREP 4 LVT	
		MAPECOAT TNS URBAN	
		MAPELASTIC* (see Note 4)	Water Based - Two pack reactive performance coatings for specific end use such as floors (Sub-Category 10) VOC (GBRS limit is max. 140 g/l)
		MAPELASTIC SMART* (see Note 4)	

DUBAI CENTRAL LABORATORY DEPARTMENT
DCL PRODUCT CONFORMITY CERTIFICATION SCHEME

**SCOPE OF CERTIFICATION
FOR CERTIFICATE NO. CL18020642**

	MAPECOAT W	Solvent Based - Two pack reactive performance coatings for specific end use such as floors (Sub-Category 10) VOC (GBRS limit is max. 500 g/l)
	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	
	<i>MAPECOAT 4 LVT</i>	
	MAPECOAT WET & DRY R11	
	MAPECOAT TNS PROTECTION	
	ULTRACOAT PREMIUM BASE	
	MAPEFLOOR FINISH 451 - ALIPHATIC	
	MAPEFLOOR I 300 SL TRP	
	MAPEFLOOR PU 400	
	MAPEFLOOR PU 410	
	MAPEFLOOR PU 460	
	MAPEFLOOR PU 461	
	MAPEFLOOR I 900	
	MAPEFLOOR EP 19	
	DURESIL EB	



DUBAI CENTRAL LABORATORY DEPARTMENT
DCL PRODUCT CONFORMITY CERTIFICATION SCHEME

**SCOPE OF CERTIFICATION
FOR CERTIFICATE NO. CL18020642**

		<p><i>MAPECOAT DW 25</i></p> <p><i>MAPECOAT I 24</i></p> <p>MAPEFLOOR CPU/COVE</p> <p>MAPEFLOOR CPU/HD</p> <p>MAPEFLOOR CPU/MF</p> <p>MAPEFLOOR CPU/RT</p> <p>MAPEFLOOR CPU/TC</p> <p>MAPEFLOOR FINISH 415 - AROMATIC</p> <p>PURTOP 400 M</p> <p>PURTOP 1000</p> <p>MAPEFLOOR FINISH 50 N - Aliphatic</p> <p>MAPEFLOOR FINISH 55 - Aliphatic</p> <p>PU 700 SL</p>	
6	Adhesives	<p>ADESILEX MT 32</p> <p><i>AQUACOL T</i></p> <p>AQUACOL T CONDUCTIVE</p> <p>MAPECRYL ECO</p> <p>ULTRABOND ECO 170</p> <p>ULTRABOND ECO 375</p> <p>ULTRABOND ECO 380</p> <p>ULTRABOND ECO 4 LVT</p>	<p>Indoor Carpet Adhesive</p> <p>VOC (GBRS limit is max. 50 g/l)</p>

DUBAI CENTRAL LABORATORY DEPARTMENT
DCL PRODUCT CONFORMITY CERTIFICATION SCHEME

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	ULTRABOND ECO 520	
	ULTRABOND ECO FIX	
	ULTRABOND ECO MS 4 LVT	
	ULTRABOND ECO MS 4 LVT WALL	
	ULTRABOND ECO TACK 4 LVT	
	<i>ULTRABOND ECO</i> <i>575</i>	Cove Base Adhesive VOC (GBRS limit is max. 50 g/l)
	<i>ULTRABOND ECO</i> <i>CONTACT</i>	Special Purpose Contact Adhesive VOC (GBRS limit is max. 250 g/l)
	<i>ULTRABOND ECO</i> <i>FAST TRACK</i>	Top and Trim Adhesive VOC (GBRS limit is max. 250 g/l)
	ULTRABOND ECO S955 1K	Wood Flooring Adhesive
	<i>ULTRABOND P990</i> <i>1K</i>	VOC (GBRS limit is max. 100 g/l)
	ULTRABOND P980 1K	
	ULTRABOND ECO P909 2K	
	LIGNOBOND	
	ULTRABOND ECO V4SP	Rubber Floor Adhesive
	ULTRABOND ECO V4SP CONDUCTIVE	VOC (GBRS limit is max. 60 g/l)
	<i>ULTRABOND ECO</i> <i>V4SP FIBER</i>	
	MAPEFLOOR PORE FILLER	
	ADESILEX G19	



DUBAI CENTRAL LABORATORY DEPARTMENT
DCL PRODUCT CONFORMITY CERTIFICATION SCHEME

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		ADESILEX G19 CONDUCTIVE		
		ULTRABOND ECO 571 2K		
		ULTRABOND TURF PU 1K	Carpet Pad Adhesive VOC (GBRS limit is max. 50 g/l)	
		ULTRABOND ECO REMOVE		
		ULTRABOND ECO TACK		
		ULTRABOND TURF PU 1K LC		
		<i>ULTRABOND TURF PU 2K</i>		
		ULTRABOND TURF 2 STARS		
		<i>MAPEFLOOR I 910</i>		Multipurpose Construction Adhesive VOC (GBRS limit is max. 70 g/l)
		MAPEFLOOR BINDER 930		
		MAPESET* <i>(see Note 4)</i>	Ceramic Tile Adhesive VOC (GBRS limit is max. 65 g/l)	
		<i>KERASET*</i> <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>		

DUBAI CENTRAL LABORATORY DEPARTMENT
DCL PRODUCT CONFORMITY CERTIFICATION SCHEME

SCOPE OF CERTIFICATION
FOR CERTIFICATE NO. CL18020642

		<p><i>GRANIRAPID*</i> (see Note 4)</p> <p>ELASTORAPID</p> <p>ULTRALITE S1* (see Note 4)</p> <p>ULTRALITE S2* (see Note 4)</p> <p>ULTRALITE S1 QUICK* (see Note 4)</p> <p>ULTRALITE S2 QUICK* (see Note 4)</p> <p>KERAPOXY ADHESIVE</p> <p>KERAPOXY 4 LVT</p> <p>FLEXCOLOR 4 LVT</p> <p>KERALASTIC</p> <p><i>KERALASTIC T</i></p> <p>KERAPOXY</p> <p>ULTRABOND ECO PU 2K</p>	
7	Sealants	<p>MAPESIL AC</p> <p>MAPESIL LM</p> <p>MAPESIL Z PLUS</p> <p><i>MAPEFLEX PU 45 FT</i></p> <p>MAPEFLEX PU S25</p> <p>SILWOOD</p> <p>MAPEFLEX AC4</p> <p><i>MAPEFLEX PU 65</i></p>	<p>Architectural</p> <p>VOC (GBRS limit is max. 250 g/l)</p> <p>Roadway</p> <p>VOC (GBRS limit is max. 250 g/l)</p>

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.

DUBAI CENTRAL LABORATORY DEPARTMENT
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**SCOPE OF CERTIFICATION
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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**.*

Original Issue Date : 07 November 2018

Current Issue Date : 07 November 2018

Valid Until : 06 November 2019

ARIF HUSAIN AL MARZOOQI
Products Conformity Assessment Section Manager
Dubai Central Laboratory Department