

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:

NATIONAL PAINT FACTORIES CO. LTD.

P.O. Box 5822 Industrial Area 13, Sharjah, UAE

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: CL16020390
Valid Until: 31/08/2021



Current Issue Date: 01/09/2020
Original Issue Date: 01/09/2016



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. CL16020390-Rev 01

Certificate Issued To	NATIONAL PAINTS FACTORIES CO. LTD. P.O. Box 5822, Industrial Area 13, Sharjah, UAE
Applicable Standard Specification:	2017 Al Sa'fat Dubai Green Building Evaluation System (AL SA'FAT)
Applicable Specific Rules:	DM-DLCD-RD-DP21-2180-(IC) Specific Rules for Low-Emitting Materials through Factory Assessment as per the 2017 Al Sa'fat Dubai Green Building Evaluation system.

S/N	PRODUCT DESCRIPTION	BRAND NAME	PRODUCT DETAILS
1.	Roof Paint / Roof Coating One pack performance coating (Sub-category 9) (WB)	National Polydex (Water Proofing)	(White Color) Roof Paint / Roof Coating SRI is ≥ 78 (Can be used in 75-100% of surface to be coated – Sloped or Flat Roof) (See Note 3&4) Heavy Metals: Cadmium and Chromium (AL SA'FAT DGBES limit ≤ 500 mg/Kg), Arsenic, Mercury and Lead (AL SA'FAT DGBES limit ≤ 100 mg/Kg) Formaldehyde ≤ 10 mg/Kg VOC - AL SA'FAT DGBES limit Max 140 g/L

DUBAI CENTRAL LABORATORY DEPARTMENT
DCL PRODUCT CONFORMITY CERTIFICATION SCHEME

SCOPE OF CERTIFICATION
FOR CERTIFICATE NO. CL16020390-Rev 01

2.	Interior Matt Walls & Ceiling Paint (Gloss<25@60°) (Sub-category 1) (WB)	National Plastic Emulsion National Eggshell Antifungal Emulsion National Acryl Emulsion I National Protect Seal National Insect Resist National Super Finetex National Fungal Wash Trust Hygienic Trust Anti-stain National Nice Emulsion National Latex Emulsion National Matt Emulsion National Matt Emulsion (Silk) National Super Matt Emulsion National Super Acrylic Emulsion National Eggshell Emulsion (Matt) National Eggshell Emulsion (Silk) National Acrylic Eggshell Gold National Value Emulsion	Heavy Metals: Cadmium and Chromium (AL SA'FAT DGBES limit \leq 500 mg/Kg) Arsenic, Mercury and Lead (AL SA'FAT DGBES limit \leq 100 mg/Kg) Formaldehyde \leq 10 mg/Kg VOC - AL SA'FAT DGBES limit is Max 30 g/L
3.	Interior Glossy Walls & Ceiling Paint (Gloss>25@60°) (Sub-category 2) (WB)	National Eggshell Emulsion (Semi-gloss) National Gloss Emulsion	Heavy Metals: Cadmium and Chromium (AL SA'FAT DGBES limit < 500 mg/Kg) Arsenic, Mercury and Lead (AL SA'FAT DGBES limit <100 mg/Kg) Formaldehyde \leq 10 mg/Kg VOC - AL SA'FAT DGBES limit is Max 100 g/L (See Note 5)

**DUBAI CENTRAL LABORATORY DEPARTMENT
DCL PRODUCT CONFORMITY CERTIFICATION SCHEME**

**SCOPE OF CERTIFICATION
FOR CERTIFICATE NO. CL16020390-Rev 01**

4.	Exterior Walls of Mineral Substrate (Sub-category 3) (WB)	<p>National Texo Compound</p> <p>National Nice Emulsion</p> <p>National Latex Emulsion</p> <p>National Matt Emulsion</p> <p>National Matt Emulsion (Silk)</p> <p>National Super Matt Emulsion</p> <p>National Super Acrylic Emulsion</p> <p>National Eggshell Emulsion (Matt)</p> <p>National Eggshell Emulsion (Silk)</p> <p>National Eggshell Emulsion (Semi-gloss)</p> <p>National Acrylic Eggshell Gold</p> <p>National Weather Resist (Matt)</p> <p>National Weather Resist (Silk)</p> <p>National Acrylic Weather Resist (Matt)</p> <p>National Acrylic Weather Resist (Silk)</p> <p>National Acryl Emulsion II</p> <p>National Silicone Emulsion Paint (Matt)</p> <p>National Silicone Emulsion Paint (Silk)</p> <p>National Shield Topcoat – Matt</p> <p>National Shield Topcoat – Silk</p> <p>National Tennis Court Topcoat</p> <p>National Minitex (Textured Coating)</p> <p>National Swiss Sandtex (Textured Coating)</p> <p>National Tex (Textured Coating)</p> <p>National Tex without Marble Chips (Textured Coating)</p> <p>National Graffio – Décor</p>	<p>(Mashroom & White Color)</p> <p>LRV is ≥ 45 (suitable as exterior coating for buildings) (See Note 3&4)</p> <p>Heavy Metals:</p> <p>Cadmium and Chromium (AL SA'FAT DGBES limit < 500 mg/Kg)</p> <p>Arsenic, Mercury and Lead (AL SA'FAT DGBES limit <100 mg/Kg)</p> <p>Formaldehyde ≤ 10 mg/Kg</p> <p>VOC - AL SA'FAT DGBES limit is Max 40 g/L</p>
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**DUBAI CENTRAL LABORATORY DEPARTMENT
DCL PRODUCT CONFORMITY CERTIFICATION SCHEME**

**SCOPE OF CERTIFICATION
FOR CERTIFICATE NO. CL16020390-Rev 01**

(Cont.)	(Continuation)	(Textured Coating) National Graffito (Textured Coating) National Synplast (Textured Coating)	(Continuation)
4.	Exterior Walls of Mineral Substrate (Sub-category 3) (WB)	National Syntex (Textured Coating) National Shield Antique Tex H.B. National Shield Ultra Silk National Shield Fine Silk (Textured Coating) National Shield Tex Silk (Textured Coating) National Shield Tex Fine (Textured Coating) National Shield Tex Medium (Textured Coating) National Shield Longlife – Traditional Tex (Textured Coating) National Shield Longlife – Antique Tex (Textured Coating) National Shield Longlife – Classic Tex (Textured Coating) National Natural Acrylic Stone Finish (Base Coat) National Natural Acrylic Stone Finish National Aqua Epoxy Topcoat National Aqua Polyurethane Topcoat National Acrylic Clear Glaze Coat National Glaze Coat Clear National Ultima Emulsion National Water Repellent	(Mashroom & White Color) LRV is ≥ 45 (suitable as exterior coating for buildings) (See Note 3&4) Heavy Metals: Cadmium and Chromium (AL SA'FAT DGBES limit < 500 mg/Kg), Arsenic, Mercury and Lead (AL SA'FAT DGBES limit <100 mg/Kg) Formaldehyde ≤ 10 mg/Kg VOC - AL SA'FAT DGBES limit is Max 40 g/L

DUBAI CENTRAL LABORATORY DEPARTMENT
DCL PRODUCT CONFORMITY CERTIFICATION SCHEME

SCOPE OF CERTIFICATION
FOR CERTIFICATE NO. CL16020390-Rev 01

		National Duct Coating National Shield Glaze Coat National Defendem (Weather Shield Exterior) National Nutex (Spray Texture) National Shield Extreme (Matt/Silk)	
5.	Interior/Exterior Trim Varnishes and Woodstain (Sub-category 5) (SB)	National Synthetic Varnish Gloss I National Wood Stain	Heavy Metals: Cadmium and Chromium (AL SA'FAT DGBES limit < 500 mg/Kg) Arsenic, Mercury and Lead (AL SA'FAT DGBES limit <100 mg/Kg) Formaldehyde \leq 10 mg/Kg VOC - AL SA'FAT DGBES limit is Max 400 g/L
6.	Water Based Primers (Sub-category 7) (WB)	National Acrylic Primer National PVA Primer Sealer for Masonry National Penetrating Sealer National Tex Primer National Acrylic Tex Primer National Shield Tex Primer National PVA Primer White for Masonry National Stone Acrylic Primer National Aqua Epoxy Primer (Water Based Epoxy) National Aqua Polyurethane Flooring Primer	Heavy Metals: Cadmium and Chromium (AL SA'FAT DGBES limit < 500 mg/Kg) Arsenic, Mercury and Lead (AL SA'FAT DGBES limit <100 mg/Kg) Formaldehyde \leq 10 mg/Kg VOC - AL SA'FAT DGBES limit is Max 30 g/L

DUBAI CENTRAL LABORATORY DEPARTMENT
DCL PRODUCT CONFORMITY CERTIFICATION SCHEME

SCOPE OF CERTIFICATION
FOR CERTIFICATE NO. CL16020390-Rev 01

		<p>National Aqua Acrylic Flooring Primer</p> <p>National Aqua Siloxane Primer</p> <p>National Aqua Acrylic Primer</p> <p>National Shield Alkali Resistant Primer</p> <p>National Shield Thermal Primer</p> <p>Expressions Acrylic Primer</p> <p>National Exterior Spray Plaster – Coarse</p> <p>National Spray Plaster Fine</p> <p>National Spray Plaster Medium</p> <p>National Spray Plaster Coarse</p> <p>National Stucco Filler</p> <p>National Block Filler</p> <p>National Joint Filler</p> <p>National Crack Filler</p> <p>National Shield Exterior Filler</p>	
6.1	<p>Solvent Based Primers (Sub-category 7)</p> <p>(SB)</p>	<p>National Red Oxide Primer</p> <p>National Wood Primer</p> <p>National Guard Epoxy Filler S.F.</p> <p>National Synthetic Undercoat</p>	<p>Heavy Metals:</p> <p>Cadmium and Chromium (AL SA'FAT DGBES limit < 500 mg/Kg)</p> <p>Arsenic, Mercury and Lead (AL SA'FAT DGBES limit <100 mg/Kg)</p> <p>Formaldehyde \leq 10 mg/Kg</p> <p>VOC - AL SA'FAT DGBES limit is Max 350 g/L</p>

DUBAI CENTRAL LABORATORY DEPARTMENT
DCL PRODUCT CONFORMITY CERTIFICATION SCHEME

SCOPE OF CERTIFICATION
FOR CERTIFICATE NO. CL16020390-Rev 01

7.	Binding Primer (Sub-category 8) (SB)	National Wash Primer	Heavy Metals: Cadmium and Chromium (AL SA'FAT DGBES limit < 500 mg/Kg), Arsenic, Mercury and Lead (AL SA'FAT DGBES limit <100 mg/Kg) Formaldehyde \leq 10 mg/Kg VOC - AL SA'FAT DGBES limit is Max 750 g/L
8.	One-pack Performance Coating (Sub-category 9) (WB)	National Shield Topcoat – Gloss National Shield Super Durable (Gloss/Silk) National Intumescent Paint W National Aqua Acrylic Flooring Topcoat National Aqua Polyurethane Flooring Topcoat National Cavalier (Thermal Insulating Paint) National Acoustic Coating National Shield Thermal (Heat Insulating Paint) National Deckshield (CPD)	(White Color) LRV is \geq 45 (suitable as exterior coating for buildings) (See Note 3&4) (White Color) SRI is \geq 78 (Can be used in 75-100% of surface to be coated – Sloped or Flat Roof) (See Note 3&4) Heavy Metals: Cadmium and Chromium (AL SA'FAT DGBES limit < 500 mg/Kg),

DUBAI CENTRAL LABORATORY DEPARTMENT
DCL PRODUCT CONFORMITY CERTIFICATION SCHEME

SCOPE OF CERTIFICATION
FOR CERTIFICATE NO. CL16020390-Rev 01

			<p>Arsenic, Mercury and Lead (AL SA'FAT DGBES limit <100 mg/Kg)</p> <p>Formaldehyde \leq 10 mg/Kg</p> <p>VOC - AL SA'FAT DGBES limit is Max 140 g/L</p>
8.1	<p>One-pack Performance Coating (Sub-category 9)</p> <p>(SB)</p>	<p>National Aluminium Paint National Hammer Finish National Intumescent Paint National Acrylic Rock Topcoat National Flat/Matt Synthetic Enamel National Synthetic Enamel Gloss I National Synthetic Enamel Gloss II National Eco Enamel National Camouflage Paint National Black Board Paint National Green Board Paint</p>	<p>(White & Dark Cream Color)</p> <p>LRV is \geq 45 (suitable as exterior coating for buildings) (See Note 3&4)</p> <p>(White Color)</p> <p>SRI is \geq 78 (Can be used in 75-100% of surface to be coated – Sloped or Flat Roof) (See Note 3&4)</p> <p>Heavy Metals:</p> <p>Cadmium and Chromium (AL SA'FAT DGBES limit < 500 mg/Kg)</p> <p>Arsenic, Mercury and Lead (AL SA'FAT DGBES limit <100 mg/Kg)</p> <p>Formaldehyde \leq 10 mg/Kg</p> <p>VOC - AL SA'FAT DGBES limit is Max 500 g/L</p>

**DUBAI CENTRAL LABORATORY DEPARTMENT
DCL PRODUCT CONFORMITY CERTIFICATION SCHEME**

**SCOPE OF CERTIFICATION
FOR CERTIFICATE NO. CL16020390-Rev 01**

9.	Two pack reactive performance coating for specific end use such as floor (Sub-category 10) (SB)	National Guard Epoxy Flooring Primer S.F. National Guard Epoxy Flooring Topcoat National Guard Epoxy Flooring Topcoat S.F. National Guard Heavy Duty Epoxy Floor Screed National Guard Flexible Epoxy Flooring Topcoat S.F. National Guard Epoxy Glasscote National Polyurethane Flooring H.B. National Aliphatic Polyurethane H.B. National Polyurethane Topcoat National Interguard H.B. National Guard Primer White National Polyurethane Flooring S.F. Universal National Guard Epoxy Primer Clear	(White & Dark Cream Color) LRV is ≥ 45 (suitable as exterior coating for buildings) (See Note 3&4) (White & Dark Cream Color) SRI is ≥ 78 (Can be used in 75-100% of surface to be coated – Sloped or Flat Roof) (See Note 3&4) Heavy Metals: Cadmium and Chromium (AL SA'FAT DGBES limit < 500 mg/Kg), Arsenic, Mercury and Lead (AL SA'FAT DGBES limit <100 mg/Kg) Formaldehyde ≤ 10 mg/Kg VOC - AL SA'FAT DGBES limit is Max 500 g/L
10.	Decorative Effect Coatings (Sub-category 12) (WB)	Expressions Base Coat Expressions Stucco Expressions Velvet Expressions Diamanti Expressions Luster Expressions Bellisi Perla	Heavy Metals: Cadmium and Chromium (AL SA'FAT DGBES limit < 500 mg/Kg) Arsenic, Mercury and Lead

**DUBAI CENTRAL LABORATORY DEPARTMENT
DCL PRODUCT CONFORMITY CERTIFICATION SCHEME**

**SCOPE OF CERTIFICATION
FOR CERTIFICATE NO. CL16020390-Rev 01**

		Expressions Accent Expressions Essenza Expressions Metallic Expressions Revolution Expressions Revolution Glaze National Nutex (Spray Texture)	(AL SA'FAT DGBES limit <100 mg/Kg) Formaldehyde \leq 10 mg/Kg VOC - AL SA'FAT DGBES limit is Max 200 g/L
11.	Adhesives (Ceramic Tile)	National White Glue National Tile Adhesive	VOC - AL SA'FAT DGBES limit is Max 65 g/L
12.	Sealants (Architectural)	National Siliconized Acrylic Sealant	VOC - AL SA'FAT DGBES limit is Max 250 g/L

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: 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 DM-AL SA'FAT.

NOTE 4: 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 DM-AL SA'FAT.

- 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”

**DUBAI CENTRAL LABORATORY DEPARTMENT
DCL PRODUCT CONFORMITY CERTIFICATION SCHEME**

**SCOPE OF CERTIFICATION
FOR CERTIFICATE NO. CL16020390-Rev 01**

- 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 5: The revision of this scope of certification covered the actual value of VOC limit for “Interior Glossy Walls & Ceiling Paint (WB)”.

NOTE 6: This scope of certification supersedes the one issued on 01 September 2020.

Original Issue Date: 01 September 2016

Current Issue Date: 28 September 2020

Valid Until: 31 August 2021

ARIF HUSAIN AL MARZOOQI

Products Conformity Assessment Section Manager

Dubai Central Laboratory Department