

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:

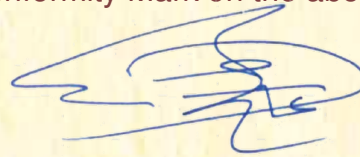
NATIONAL PAINT FACTORIES CO. LTD.

Industrial Area 13, Sharjah

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: CL16020390
Valid Until: 31/08/2019



Current Issue Date: 01/09/2018
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 -REV 01
FOR CERTIFICATE NO. CL16020390**

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	1. National Polydex (Water Proofing)	SRI is ≥ 78 (Can be used in 75-100% of surface to be coated – Sloped or Flat Roof) VOC < 140 g/L
2	Interior Matt Walls & Ceiling Paint (Gloss<25@60°) (Sub-category 1) VOC Limit WB ≤ 30 g/L	2. National Plastic Emulsion 3. National Eggshell Antifungal Emulsion 4. National Acryl Emulsion I 5. National Protect Seal 6. National Insect Resist (W.B.) 7. National Super Finetex 8. National Fungal Wash 9. Trust Hygienic 10. Trust Anti-stain 11. National Nice Emulsion 12. National Latex Emulsion 13. National Matt Emulsion 14. National Matt Emulsion (Silk) 15. National Super Matt Emulsion 16. National Super Acrylic Emulsion 17. National Eggshell Emulsion (Matt) 18. National Eggshell Emulsion (Silk) 19. National Acrylic Eggshell Gold 20. National Value Emulsion* (See Note 3)	Heavy Metals: Cadmium and Chromium (AL SA'FAT limit < 500 mg/Kg), Arsenic, Mercury and Lead (AL SA'FAT limit <100 mg/Kg) Formaldehyde ≤ 10 mg/Kg

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3	<p>Interior Glossy Walls & Ceiling Paint (Gloss>25@60°) (Sub-category 2)</p> <p>VOC Limit (SC-2) WB ≤ 30 g/L</p>	<p>21. National Eggshell Emulsion (Semi-gloss)</p> <hr/> <p>22. National Gloss Emulsion</p>	<p>Heavy Metals: Cadmium and Chromium (AL SA'FAT limit < 500 mg/Kg),</p> <p>Arsenic, Mercury and Lead (AL SA'FAT limit <100 mg/Kg)</p> <p>Formaldehyde ≤ 10 mg/Kg</p>
4	<p>Exterior Walls of Mineral Substrate (Sub-category 3)</p> <p>VOC Limit WB ≤ 40 g/L</p>	<p>23. National Texo Compound</p> <p>24. National Nice Emulsion</p> <p>25. National Latex Emulsion</p> <p>26. National Matt Emulsion</p> <p>27. National Matt Emulsion (Silk)</p> <p>28. National Super Matt Emulsion</p> <p>29. National Super Acrylic Emulsion</p> <p>30. National Eggshell Emulsion (Matt)</p> <p>31. National Eggshell Emulsion (Silk)</p> <p>32. National Eggshell Emulsion (Semi-gloss)</p> <p>33. National Acrylic Eggshell Gold</p> <p>34. National Weather Resist (Matt)</p> <p>35. National Weather Resist (Silk)</p> <p>36. National Acrylic Weather Resist (Matt)</p> <p>37. National Acrylic Weather Resist (Silk)</p> <p>38. National Acryl Emulsion II</p> <p>39. National Silicone Emulsion Paint (Matt)</p> <p>40. National Silicone Emulsion Paint (Silk)</p> <p>41. National Shield Topcoat – Matt</p> <p>42. National Shield Topcoat – Silk</p> <p>43. National Tennis Court Topcoat</p> <p>44. National Minitex (Textured Coating)</p> <p>45. National Swiss Sandtex (Textured Coating)</p> <p>46. National Tex (Textured Coating)</p> <p>47. National Tex without Marble Chips (Textured Coating)</p> <p>48. National Graffio – Décor (Textured</p>	<p>LRV is ≥ 45% (suitable as exterior coating for buildings)</p> <p>Heavy Metals: Cadmium and Chromium (AL SA'FAT limit < 500 mg/Kg),</p> <p>Arsenic, Mercury and Lead (AL SA'FAT limit <100 mg/Kg)</p> <p>Formaldehyde ≤ 10 mg/Kg</p> <p>LRV is ≥ 45% (suitable as exterior coating for buildings)</p>

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4 (Cont.)	<p>(Cont.) Exterior Walls of Mineral Substrate (Sub-category 3)</p> <p>VOC Limit WB ≤ 40 g/L</p>	Coating)	<p>Heavy Metals:</p> <p>Cadmium and Chromium (AL SA'FAT limit < 500 mg/Kg),</p> <p>Arsenic, Mercury and Lead (AL SA'FAT limit <100 mg/Kg)</p> <p>Formaldehyde ≤ 10 mg/Kg</p>
		49. National Graffito (Textured Coating)	
		50. National Synplast (Textured Coating)	
		51. National Syntex (Textured Coating)	
		52. National Shield Antique Tex H.B.	
		53. National Shield Ultra Silk	
		54. National Shield Fine Silk (Textured Coating)	
		55. National Shield Tex Silk (Textured Coating)	
		56. National Shield Tex Fine (Textured Coating)	
		57. National Shield Tex Medium (Textured Coating)	
		58. National Shield Longlife – Traditional Tex (Textured Coating)	
		59. National Shield Longlife – Antique Tex (Textured Coating)	
		60. National Shield Longlife – Classic Tex (Textured Coating)	
		61. National Natural Acrylic Stone Finish (Base Coat)	<p>LRV is ≥ 45% (suitable as exterior coating for buildings)</p> <p>Heavy Metals:</p> <p>Cadmium and Chromium (AL SA'FAT limit < 500 mg/Kg),</p> <p>Arsenic, Mercury and Lead (AL SA'FAT limit <100 mg/Kg)</p> <p>Formaldehyde ≤ 10 mg/Kg</p>
		62. National Natural Acrylic Stone Finish	
		63. National Aqua Epoxy Topcoat (Water Based Epoxy)	
		64. National Aqua Polyurethane Topcoat	
		65. National Acrylic Clear Glaze Coat	
		66. National Glaze Coat Clear	
		67. National Ultima Emulsion	
		68. National Water Repellent (W.B.)	
		69. National Duct Coating	
		70. National Shield Glaze Coat	
71. National Defendem (Weather Shield Exterior)			
72. National Nutex (Spray Texture)			
73. National Shield Extreme (Matt/Silk)			

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5	Interior/Exterior Trim Varnishes and Woodstain (Sub-category 5)	74. National Synthetic Varnish Gloss I	AL SA'FAT VOC Limit SB ≤ 400 g/L (Heavy Metals as per AL SA'FAT)
		75. National Wood Stain (Alky/Oil Based)	
6	Water Based Primers (Sub-category 7) Al Sa'fat VOC Limit WB ≤ 30 g/L	76. National Acrylic Primer (W.B.)	Heavy Metals: Cadmium and Chromium (AL SA'FAT limit < 500 mg/Kg), Arsenic, Mercury and Lead (AL SA'FAT limit <100 mg/Kg) Formaldehyde ≤ 10 mg/Kg
		77. National PVA Primer Sealer for Masonry	
		78. National Penetrating Sealer	
		79. National Tex Primer	
		80. National Acrylic Tex Primer	
		81. National Shield Tex Primer	
		82. National PVA Primer White for Masonry	
		83. National Stone Acrylic Primer	
		84. National Aqua Epoxy Primer (Water Based Epoxy)	
		85. National Aqua Polyurethane Flooring Primer	
		86. National Aqua Acrylic Flooring Primer	
		87. National Aqua Siloxane Primer	
		88. National Aqua Acrylic Primer	
	Solvent Based Primers (Sub-category 7)	89. National Shield Alkali Resistant Primer	Heavy Metals: Cadmium and Chromium (AL SA'FAT limit < 500 mg/Kg), Arsenic, Mercury and Lead (AL SA'FAT limit <100 mg/Kg) Formaldehyde ≤ 10 mg/Kg
		90. National Shield Thermal Primer (W.B.)	
		91. Expressions Acrylic Primer	
		92. National Exterior Spray Plaster – Coarse	
		93. National Spray Plaster Fine	
		94. National Spray Plaster Medium	
		95. National Spray Plaster Coarse	
96. National Stucco Filler	AL Sa'fat VOC Limit SB ≤ 350 g/L		
97. National Block Filler			
98. National Joint Filler			
99. National Crack Filler			
7	Binding Primer (Sub-category 8)	100. National Shield Exterior Filler	AL Sa'fat VOC Limit SB ≤ 750 g/L
		101. National Red Oxide Primer	
		102. National Wood Primer	
		103. National Guard Epoxy Filler S.F.	
		104. National Synthetic Undercoat	
		105. National Wash Primer	

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8	<p>One-pack Performance Coating (Sub-category 9)</p> <p>VOC Limit WB ≤ 140 g/Ltr.</p>	<p>106. National Shield Topcoat – Gloss</p> <p>107. National Shield Super Durable (Gloss/Silk)</p> <p>108. National Intumescent Paint W</p> <p>109. National Aqua Acrylic Flooring Topcoat</p> <p>110. National Aqua Polyurethane Flooring Topcoat</p> <p>111. National Cavalier (Thermal Insulating Paint)</p> <p>112. National Acoustic Coating</p> <p>113. National Shield Thermal (Heat Insulating Paint)</p> <p>114. National Deckshield (CPD)</p>	<p>LRV is ≥ 45% (suitable as exterior coating for buildings)</p> <p>Heavy Metals: Cadmium and Chromium (AL SA'FAT limit < 500 mg/Kg), Arsenic, Mercury and Lead (AL SA'FAT limit <100 mg/Kg) Formaldehyde ≤ 10 mg/Kg</p>
	<p>(Cont.)</p> <p>One-pack Performance Coating (Sub-category 9)</p> <p>VOC Limit SB ≤ 500 g/Ltr.</p>	<p>115. National Aluminium Paint</p> <p>116. National Hammer Finish</p> <p>117. National Intumescent Paint</p> <p>118. National Acrylic Rock Topcoat</p> <p>119. National Flat/Matt Synthetic Enamel</p> <p>120. National Synthetic Enamel Gloss I</p> <p>121. National Synthetic Enamel Gloss II</p> <p>122. National Eco Enamel</p> <p>123. National Camouflage Paint</p> <p>124. National Black Board Paint</p> <p>125. National Green Board Paint</p>	<p>LRV is ≥ 45% (suitable as exterior coating for buildings)</p> <p>Heavy Metals: Cadmium and Chromium (AL SA'FAT limit < 500 mg/Kg), Arsenic, Mercury and Lead (AL SA'FAT limit <100 mg/Kg) Formaldehyde ≤ 10 mg/Kg</p>
9	<p>Two pack reactive performance coating for specific end use such as floor (Sub-category 10)</p> <p>Al SA'FAT VOC Limit SB ≤ 500 g/L</p>	<p>126. National Guard Epoxy Flooring Primer S.F.</p> <p>127. National Guard Epoxy Flooring Topcoat</p> <p>128. National Guard Epoxy Flooring Topcoat S.F.</p> <p>129. National Guard Heavy Duty Epoxy Floor Screed</p> <p>130. National Guard Flexible Epoxy Flooring Topcoat S.F.</p> <p>131. National Guard Epoxy Glasscote</p> <p>132. National Polyurethane Flooring H.B.</p> <p>133. National Aliphatic Polyurethane H.B.</p> <p>134. National Polyurethane Topcoat</p> <p>135. National Interguard H.B.* (See Note 3)</p> <p>136. National Guard Primer White* (See Note 3)</p> <p>137. National Polyurethane Flooring S.F.</p> <p>Universal* (See Note 3)</p>	<p>Heavy Metals: Cadmium and Chromium (AL SA'FAT limit < 500 mg/Kg), Arsenic, Mercury and Lead (AL SA'FAT limit <100 mg/Kg) Formaldehyde ≤ 10 mg/Kg</p>

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10	Decorative Effect Coatings (Sub-category 12) AL SA'FAT VOC Limit WB ≤ 200 g/L	138. Expressions Base Coat	Heavy Metals: Cadmium and Chromium (AL SA'FAT limit < 500 mg/Kg), Arsenic, Mercury and Lead (AL SA'FAT limit <100 mg/Kg) Formaldehyde ≤ 10 mg/Kg
		139. Expressions Stucco	
		140. Expressions Velvet	
		141. Expressions Diamanti	
		142. Expressions Luster	
		143. Expressions Bellisi Perla	
		144. Expressions Accent	
		145. Expressions Essenza	
		146. Expressions Metallic	
		147. Expressions Revolution	
148. Expressions Revolution Glaze			
149. National Nutex (Spray Texture)			
11	Adhesives	150. National White Glue	WB Al Sa'fat VOC Limit ≤ 65 g/L
		151. National Tile Adhesive	
12	Sealants	152. National Siliconized Acrylic Sealant	Al Sa'fat VOC Limit ≤ 250 g/L (Architectural)

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: * - Newly added products.*

NOTE 4: This Scope Supersedes Scope of Certificate dated 01 September 2018.

NOTE 4: 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 5: 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”

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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”.

Original Issue Date : 01 September 2016

Current Issue Date : 04 December 2018

Valid Until : 31 August 2019



ARIF HUSAIN AL MARZOOQI

Products Conformity Assessment Section Manager
Dubai Central Laboratory Department