

**Sirca**  
THE WOOD COATINGS



SIRCA IEMline



# LEMline

## SIRCA MEETS GCC REQUIREMENTS

The care and protection of the Environment where we live are constant incentives for the research of new technological solutions for painting, more **sustainable, ecofriendly** with **low VOC emissions** into the atmosphere and better **indoor air quality**.

The need to reduce VOC emissions into the atmosphere has led, therefore, the **Middle East area** to regulate the products used for the production and coating of furniture and furnishing accessories for interiors, and doors and windows for exterior use.

The **DMS 20: 2015 standard** provides specific criteria for those materials that are used in the construction sector, such as coatings, paints, adhesives and sealants, related to:

- **Absence of heavy metals**, Lead, Cadmium, Chromium VI, Mercury and Arsenic
- **Absence of formaldehyde**
- **Limited VOC emissions** into the atmosphere

These formulation characteristics also determine an improvement of the working conditions during the application phase and the quality of the air in the domestic environment, because they reduce the post-emissions of solvents in the cross-linking phase of the coating film.

For this purpose, the Sirca R&D laboratory has selected and developed a range of specific products for the GCC market, **compliant with DMS 20: 2015**.

**Sirca LEM** line includes:

1. Complete line of **solvent-based** products for interior, clear and pigmented
2. Complete line of **water-based** products for interior, clear and pigmented
3. Complete line of **water based** products for exterior, clear

The table shows the range of products deemed suitable by the **Dubai Municipality** for each category of use.







PRODUCT DESCRIPTION	BRAND NAME	PRODUCT DETAILS
INTERIOR / EXTERIOR WOODSTAINS	WB Impregnating Agent for Broadleaves: IMW4400 series	<p><b>Water Base Paint for Interior/Exterior Application</b></p> <p>VOC (max. 130 g/l)</p> <p><b>Heavy metals:</b> Cadmium and Chromium (&lt;500 mg/kg), Arsenic, Mercury and Lead (&lt;100 mg/kg)</p> <p>Formaldehyde &lt;10 mg/kg</p>
INTERIOR / EXTERIOR VARNISHES & WOODSTAINS	<p>Clear WB EXT Sealer FWE600 Honey WB EXT Matt Topcoat OWE500G series</p> <p>Clear WB EXT HQ Sealer FWE900 Honey WB EXT HQ Matt Topcoat OWE950G series</p> <p>Clear WB Waxy Impregnating Agent for Decking IWC1000 series</p>	<p><b>Water Base Paint for Exterior Application</b></p> <p>VOC (max. 130 g/l)</p> <p><b>Heavy metals:</b> Cadmium and Chromium (&lt;500 mg/kg), Arsenic, Mercury and Lead (&lt;100 mg/kg)</p> <p>Formaldehyde &lt;10 mg/kg</p>
ONE PACK COATING	<p>Clear WB TX Sealer FW004TIX White WB Sealer FWPI130</p> <p>Clear WB Self Sealer OW20</p> <p>Clear WB Matt Topcoat for flooring OW1FG series, Idrofloor series and Natufloor.</p> <p>Clear WB Self Sealer OW108G series</p> <p>White WB Matt Topcoat OWPI530G series</p> <p>Clear WB Matt Topcoat OW102G series</p>	<p><b>Water Base Paint for Interior Application</b></p> <p>VOC (max. 140 g/l)</p> <p><b>Heavy metals:</b> Cadmium and Chromium (&lt;500 mg/kg), Arsenic, Mercury and Lead (&lt;100 mg/kg)</p> <p>Formaldehyde &lt;10 mg/kg</p>
TWO PACK COATING FOR SPECIFIC END	<p>Clear Matt PU SB Topcoat OPU160LVG series</p> <p>Pigmented Matt PU SB Topcoat OPP530LVG series</p>	<p><b>Solvent Base for Interior Application</b></p> <p>VOC (max. 500 g/l)</p> <p><b>Heavy metals:</b> Cadmium and Chromium (&lt;500 mg/kg), Arsenic, Mercury and Lead (&lt;100 mg/kg)</p>





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