

## Specification Clause

### MasterTop® 1231

#### Description

**MasterTop 1231** is a multi-component, self-smoothing, solvent free, decorative epoxy overlay system designed to provide continuous protection for concrete floors at thicknesses of between 2.0-4.0mm. For greater thicknesses contact BASF Technical department. The cured material produces a dense, colourful, glossy surface.

The product has also been successfully applied to glazed and terrazzo tiles, steel and timber. For applications other than to concrete, please contact your BASF representative.

Where indicated on the contract documents the self-smoothing solvent free, epoxy overlay system for concrete floors shall be **MasterTop 1231** manufactured by BASF Construction Chemicals UAE LLC.

The product shall meet or exceed the following performance criteria:

#### Laboratory tests carried out at 25°C

Testing	Standard	Result
Compressive strength @ 7 days	ASTM C579-01 : 2012	>75N/mm <sup>2</sup>
Flexural strength	BS 6319 Part 3 / ASTM C580	>35N/mm <sup>2</sup>
Tensile strength	BS 6319 Part 7 / ASTM C307	>17N/mm <sup>2</sup>
Abrasion resistance (CS17 Wheel, 1000 cycles with 1kg wt)	ASTM D4060	Loss of mass <70mg
Water Absorption	ASTM C413	<0.1%
Impact Resistance – 1.5 meters with 1kg	EN ISO 6272-1 : 2011	Passes
Volatile Organic Compounds (VOC)	SCAQMD	<15g/L
Chemical Resistance Chart available on request for common solvents		

**The product shall be manufactured by a company certified to confirm to the requirements of the quality, environmental and occupational health & safety standards of ISO 9001, ISO 14001 and ISO 45001**

The technical information and application advice given in this BASF publication are based on the present state of our best scientific and practical knowledge. As the information herein is of a general nature, no assumption can be made as to a product's suitability for a particular use or application and no warranty as to its accuracy, reliability or completeness either expressed or implied is given other than those required by law. The user is responsible for checking the suitability of products for their intended use.

For additional information please consult the product Technical Data Sheet.

BASF Construction Chemicals UAE LLC can provide a full project specification and method statement on request.