

Specification Clause

MasterSeal® 550

Description

MasterSeal 550 is a two component acrylic modified cementitious coating that requires only on site mixing to form the ideal product to waterproof and resurface concrete, masonry, and most other construction materials. Simply applied by stiff brush, roller, or trowel, it forms a waterproof, flexible coating.

MasterSeal 550 provides an effective barrier to waterborne salts and atmospheric gases.

Fluid applied, **MasterSeal 550** provides a hard wearing, seamless, waterproof membrane for roofs and foundation protection.

Where indicated on the contract documents the acrylic reinforced cementitious, flexible waterproof coating shall be **MasterSeal 550** manufactured by BASF Construction Chemicals UAE LLC.

The product shall meet or exceed the following performance criteria:

Testing	Standard	Results
Toxicity	BS 6920	Non toxic - Suitable for use in contact with potable water
Chloride ion diffusivity		Not measurable after 24 months of testing
Negative pressure	BS EN 12390-8: 2000	2 bar
Water quality	BS 6920-1 2000	Approval
Elongation	ASTM D638:99	>50%
Reduction in chloride ion penetration @ 28 days		0.057
Solar reflectance index	ASTM E1980 2001	>76%
Depth of water penetration under pressure	BS EN 12390 Part 8 : 2009	Nil
Liquid water permeability	BS EN 1062-3 : 2008	<0.1 kg/(m ² xh ^{0.5})
Carbon dioxide permeability Equivalent air layer thickness (SD)	BS EN 1062-6 : 2002 Method A	>50m
Volatile Organic Compounds (VOC)	SCAQMD	<10g/L

Standards

BS 6920 : Part 1 2000 - Suitable for use in contact with potable water

The product shall be manufactured by a company certified to conform 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.