

Specification Clause

MasterSeal® 914

Description

MasterSeal 914 is a high performance non-shrink, solvent-free impermeable flowable epoxy mortar for pile cap surfaces, to ensure the proper transmission of static and dynamic loads to the foundations. These properties combined with its impermeability to moisture, make it ideal for pilecap waterproofing applications.

Where indicated on the contract documents the high strength impermeable flowable epoxy mortar shall be **MasterSeal 914** manufactured by BASF Construction Chemicals UAE LLC.

The product shall meet or exceed the following performance criteria:

Testing	Standard	Results
Compressive strength @ 25°C	ASTM C 579 Method B	80MPa at 7 days
Flexural strength @ 25°C	BS 6319 Part 3	>18N/mm ² at 7 days
Tensile strength @ 25°C	BS 6319 Part 7	>9N/mm ² at 7 days
Resistance to water		Resistant to passage of water
Water Permeability	BS EN 12390 Part 8 2000	Nil
Volatile Organic Compounds (VOC)	SCAQMD	<50g/L

Standards

BS 6319 Part 3 & 7, BS EN 12390 Part 8 2000

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.