

Specification Clause

Ucrete® RG

Description

Ucrete RG is a unique HD Polyurethane thixotropic resin mortar with exceptional resistance to aggressive chemicals, heavy impact and temperatures up to 120°C.

Ucrete RG provides a robust render for vertical applications in wet and dry process environments. It is dense and impervious providing the ideal finish for applications in the food and beverage, pharmaceutical and chemical industries.

Where indicated on the contract documents the heavy duty polyurethane render shall be **Ucrete RG** manufactured by BASF Construction Chemicals UAE LLC.

The product shall meet or exceed the following performance criteria:

Testing	Standard	Result
Compressive strength	EN13892-2	47-52 MPa
Tensile strength	BS6319 Part 7	7 MPa
Flexural strength	EN13892-2	15 MPa
Adhesive strength to concrete	EN13892-8	concrete failure
Fire Testing	EN13501 Part 1	B _{FL} – S ₁
Classification of Reaction to Fire Performance	EN 13501-1 2002	Complies to BFL – S1
Volatile Organic Content	SCAQMD	<1g/L

Standards

Eurofins Gold (Indoor Air Comfort Certified Product), EN 1504-2 2004

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.