Rival is a trademark of

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C.o.e. SM00026
Fully paid-up share capital € 3,000,000.00
Legal title
no. 26 dated 20 May 1944

24950050 R020 SMART QRZ BIANCO BASE

micro-coating for interiors and exteriors



A waterborne quartz-based micro-coating for interiors and exteriors. Breathable and water-repellent, SMART QRZ protects walls against humidity and atmospheric agents. Its high adhesion power and coverage make it suitable for concealing any defects of the walls. Thanks to its excellent permeability to water vapour, it is ideal for humid environments subject to condensate, north-facing walls, attics and under-terraces. It is easy to apply with a roller and brush and boasts excellent non-drip properties. SMART QRZ is formulated with a low VOC content for ecological reasons, to respect the environment.

Date of revision

Composition	Single-component, physically drying matt styrene-acrylic paint in aqueous dispersion for the finishing coat. Classification as per UNI 8681: B4.C.0.A.2.IA
Main properties	• breathable • high adhesion • high covering power
Applications	As a protective and decorative coating for interior and exterior building facades.
Colour	Bianco Base.

Technical specifications (data measured at 20°C, with 65% R.H.)	**Reference**	**UoM**	**Value**
Specific weight (pycnometer)	C022		1.590 ± 0.030
pH	C030		9.00 ± 0.50
Brookfield viscosity @ 20 rpm	C055		25,000 ± 3,000
Water-vapour permeability	UNI EN ISO 7783		Class V1 (high permeability)

Method of use

. Surface and application conditions	Ambient temperature min +5°C / max +35°C R.H. < 80%. Surface temperature min +5°C / max +35°C R.H. < 10%.
. Application method	Roller, brush.
. Thinner	Water.
. Dilution	Roller 10–15%, brush 15–20%.
. Mixing	Mix the product with care, adding water gradually until you reach the correct viscosity.
. Theoretical coverage	9–11 m^2/l per coat, depending on the absorbency of the support.

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Application cycle	NEW, UNIFORM SURFACES WITH TWO-COAT PLASTER Make sure that the surface is dry and clean, and has been seasoned for at least 30 days. Nevertheless, a coat of waterborne sealer fixative is recommended: FA01 FISSACRIL FORTE. To improve the wall's protection, we suggest applying one coat of FA02 Isolmur Quarz suitably diluted. Wait for the primer to dry then apply 2 coats of R020 SMART QRZ BIANCO BASE as a top coat, waiting 8–10 hours in between. PREVIOUSLY PAINTED OR PARTIALLY DEGRADED SURFACES, MADE WITH LIME, CONCRETE OR GAUGED MORTAR If the old paint is of good quality and firmly anchored to the surface, remove any dust and proceed as you would for new supports. If the old paint is flaking or chalking, remove any unstable parts with a power wash or paint stripper. If the surfaces have moulds, apply BIOSISTEM TITANSAN (waiting 24–36 hours) and wash with a power jet cleaner while hot. Consolidate the surface with a coat of ready-to-use FA12 RIVALFIX. Admix each can of R020 SMART QRZ BIANCO BASE with 1 container of AM1000X, an anti-mould and anti-algae additive, then proceed as you would for new walls.
Notes	Any hardened drops can be easily removed with Diluente Nitro 92100012 thinner.
Storage	Do not allow to freeze; store between +5°C and +20°C. Once opened, the undiluted product can be kept for 3 months in the closed container stored in the dark.
Warnings	Wash brushes and tools immediately after use; do not dump the wash water on the ground or into groundwater. Keep out of reach of children. For further information, consult the safety data sheet.
VOC Classification - Directive 2004/42/EC - Italian Legislative Decree no. 161/2006	A/A -, maximum 30 g/l (2010). Maximum VOC content of R020 SMART QRZ BIANCO BASE ready for use: 19.750 g/l.
Specification items	Apply 2 coats of R020 SMART QRZ BIANCO BASE micro-coating for interiors and exteriors, in the colour desired by the work supervisor, after suitably preparing the surfaces to be treated. Includes materials and application, excludes skimming and/or scaffolding.

This information is the result of our practical experience but is purely indicative. For more detailed information, please contact our technical support service. This sheet cancels and substitutes any previous editions.