



STEF-TEK RLX AIR/VAPOUR BARRIER

(Water Resistive Barrier & Air/Vapour Barrier)

1- Product description

STEF-TEK RLX Air/Vapour Barrier is composed of a flexible, acrylic polymer. Specially developed as an air/vapour barrier and water-resistant membrane for outdoor and indoor substrates such as concrete, concrete blocks, exterior and interior gypsum, plasters, cement, and other cementitious substrates approved by **STEF**.

2- Covered surface area

A 17 Lt container of **STEF-TEK RLX Air/Vapour Barrier** covers between 55 and 60 m².

4- Product properties

STEF-TEK RLX Air/Vapour Barrier is an easy-to-use product.

Drying: **STEF-TEK RLX Air/Vapour Barrier** coating drying time depends on the wind, ambient air, and relative humidity. Under normal drying conditions either: 21°C (70°F) and 55% RH, drying time is 24 hours

5- Installation

During installation of the product: surface and ambient air temperature should be 5°C (41°F) or higher and remain so for a minimum of 24 hours. Do not apply in direct sun.

Temporary protection: For as long as the installation of the **STEF-TEK RLX Air/Vapour Barrier** membrane you should always protect the wall against rain and other potential damaging climatic issues.

Surface preparation: the substrate surface on which the **STEF-TEK RLX Air/Vapour Barrier** protective membrane is applied must be clean, dry and free of any dust, wax, grease, oil, rust and other products that will prevent good bonding prior to application

Applying the product: Use a roller or brush to apply the **STEF-TEK RLX Air/Vapour Barrier** membrane .Two coats are required .

Cleaning: Clean tools with water while the **STEF-TEK RLX Air Vapour Barrier** is still wet.

6- Product storage

STEF-TEK RLX Air Vapour Barrier should be stored at a temperature from 5°C (41°F) to 21°C (70°F) well-sealed and out of direct sunlight. Keep frost-free. The service life of the product is 1 year.

7- Transportation conditions

Regulated shipping name: not applicable.

TMD category: Not regulated.

Note: This product requires no special measures for international transport

Mixture properties	
Initial properties:	
pH initial	8.7
Viscosity initial/Balance	99/99
Viscosity	108
Properties after 10 Days at 60°C. :	
pH	8.2
Viscosity	108

Performance of STEF-TEK RLX	
Test and method requirement	Result
Density, g./cc	1.7
Workability	Very good
Transmission of water vapour CCMC 5.3.4 / ASTM E96 *³	Low perms
Coat flexibility (1/16" // 1.6 mm) Ambient temperature (20°C / 68°F) 4.5°C / 40°F	Successful 2'' Successful 2''
Adhesion CCMC 5.3.3 / ASTM D1623 ≥ 0.3 MPa	0.40 MPa (Aspenite and EPS) 0.43 MPa (plywood) 0.48 MPa (concrete)
Water pressure test*⁶ 4 psi for 48hrs. TTP-00141	Successful
Water absorption coefficient 72 hrs./ CCMC 5.4.4 / ISO 15148 ≤ 0.004 kg / (m ² • s ^{1/2})	0.0005 kg / (m ² • s ^{1/2})
Resistance to accelerated ageing CCMC 5.4.6 / ASTM G154 No negative effect 250 hrs.	Successful

