



# STABILIZER

## Stabilizing solution for dusty and friable exterior walls

**RIALTO STABILIZER** is made up of special organic resins in aliphatic and aromatic solvents.

### PROPERTIES

**RIALTO STABILIZER** is marked by and stands out for the following characteristics:

- it is ready to use
- it penetrates deeply
- it controls absorption
- it is frost-resistant
- it avoids long and expensive treatment of the substrates
- specific gravity: 0.90 ± 0.01 kg/l

### PURPOSES

**RIALTO STABILIZER** is ideal for:

- reinforcing friable surfaces and chalking internal and external walls
- insulating and creating a suitable surface prior to application of finishing materials
- reducing absorption of porous surfaces

As long as the surfaces to be treated are clean **RIALTO STABILIZER** can be applied to:

- plasters
- bricks
- concrete
- pre-painted surfaces (whitewash, washable, oil etc.)

**RIALTO STABILIZER** is used as undercoat to the following finishes:

- **RIALTO CARSO 1 and 2**
- **RIALTO DURALBO**
- **RIALTO ERALIT**
- **RIALTO FINISH**
- **RIALTO INTONAL**
- **RIALTO MATONAL**
- **RIALTO MARINA**
- **RIALTO ROLLER**
- **RIALTO SATINAL**
- **RIALTO UNIBETON**
- **RIALTO UNION**
- **RIALTO UNION MAT**
- **RIALTO ZIP**

### WORKING INSTRUCTIONS

- prior to use, remove loose material or peeling paint using a stiff bristle brush or scraper
- remove mould
- **RIALTO STABILIZER** is ready for use and must not be diluted with water or thinned with other products
- apply using paintbrush
- a second coat can be applied in cases where walls are particularly absorbent. Leave for 12 hours before application
- protect eyes during application making sure the area is well ventilated when working indoors
- clean brush and equipment with turpentine immediately after use
- do not apply in rainy weather, when temperatures are below 7°C (44°F) and never on surfaces either frozen or overheated by the sun
- allow at least 12 hours for surface to dry completely before applying finishing products
- walls treated with **RIALTO STABILIZER** should not be exposed to sunlight for more than 20 days
- protect cans from frost and from temperatures exceeding 30°C (86°F)
- store **RIALTO STABILIZER** in a cool place and away from naked flames
- dispose of product with care
- dispose of waste through authorized waste disposal services

**COVERING CAPACITY**

The spreading rate is approximately 6m<sup>2</sup>/l (27 sq.yd/gal). This value may vary depending on the absorption rate of the surface to be treated.

**PACKAGING**

**RIALTO STABILIZER** is available in 5 l and 20 l containers.

**REFERENCES**

For further information regarding the product mentioned in the text, see the following technical sheets:

- RIALTO CARSO 1 and 2**
- RIALTO DURALBO**
- RIALTO ERALIT**
- RIALTO FINISH**
- RIALTO INTONAL**
- RIALTO MATONAL**
- RIALTO MARINA**
- RIALTO ROLLER**
- RIALTO SATINAL**
- RIALTO UNIBETON**
- RIALTO UNION**
- RIALTO UNION MAT**
- RIALTO ZIP**

**ELASTOMERIC TREATMENT**  
restoration systems for surfaces subject to cracks

**SMOOTH-FINISH ELASTOMERIC TREATMENT**

**RIALTO RASELAST – DUROFLEX**  
A matte or smooth finish restoration system for the protection of concrete or brick facades subject to cracks.

The treatment includes a penetrating and fixing primer for interior or exterior, an elastic leveling product reinforced with an elastomeric finishing product with sandy matte effect, as indicated below:

**Primer:**  
RIALTO PRIMER or STABILIZER  
**RIALTO RASELAST**

**Elastomeric leveling product:**  
RIALTO RASELAST

**Mesh:**  
RIALTO FIBRELAST

**Elastomeric finish:**  
RIALTO DUROFLEX

The elastomeric treatment **RIALTO RASELAST-DUROFLEX** features interior or exterior surfaces, both concrete and brick, subject to cracks up to 1.5-mm wide, with the prior application of a leveling material.

On sound plasters or surfaces with capillary fissures less than 0.2-mm wide, the appropriate finish **RIALTO DUROFLEX** with of preventing the occurrence of micro cracks due to mortar shrinkage without the prior application of a leveling material.

**RIALTO DUROFLEX** exhibits the following characteristics:

- a high degree of permanent elasticity
- excellent resistance to UV rays and bad weather conditions
- extreme resistance to abrasion (> 13,000 Gardner cycles)
- prevents the formation of mold
- good water repellence
- excellent surface adherence
- permeable by water vapor (Sd < 0.36 m)
- non-flammable

**Application on cracks up to 0.5-mm wide**

Clear the surface of any friable or dusty particles, deteriorating old paint or greasy residues until a compact, well cleaned and dry surface is obtained (Picture 1).

Apply one coat of fixing primer **RIALTO PRIMER** (interior walls) or **RIALTO STABILIZER** (exterior walls) diluted with 1/8 water (Picture 2). Let stand at least 24 hours before further applications.

Apply two coats of elastomeric fiber leveling product **RIALTO RASELAST** using a stainless steel trowel to smooth the surface. Allow at least a 12-hour interval between the two applications (Picture 3).

Apply two coats of elastomeric finish **RIALTO DUROFLEX** using a roller, brush or spray. Do not dilute and wait at least 12 hours between first and second coat (Picture 4).

**Application on cracks up to 1.5-mm-wide**

Complete crack treatment with application of reinforcement mesh.

Clear the surface of any friable or dusty particles, deteriorating old paint or greasy residues until a compact, well cleaned and dry surface is obtained.

Cracks wider than 0.5-mm should be expanded (Picture 1).

If the cracks are too close, apply the mesh on the whole surface, overlapping it by 10 cm on all sides.

Dust off thoroughly, apply a coat of **RIALTO PRIMER** or **RIALTO STABILIZER** (Picture 2) and seal with **RIALTO RASELAST** mixed with 30% of Portland cement (Picture 3).

Apply **RIALTO RASELAST** to all surfaces covering the crack with fibreglass mesh, and overlapping by at least 10 cm on each side. Use the trowel to embed the mesh in the **RIALTO FIBRELAST** (Picture 5).

When **rialto raseLAST** is perfectly dry, apply two coats of **RIALTO DUROFLEX** using a roller, brush or spray. Do not dilute and wait at least 12 hours between first and second coat (Picture 6).

**THICK-FINISH ELASTOMERIC TREATMENT**  
restoration systems for surfaces subject to cracks

**RIALTO INTONAL OR MATONAL**  
A rustic-finish restoration system

The treatment includes a fixing primer, an elastic leveling product reinforced with alkali-resistant fibers, a fibreglass mesh, an acrylic color-blending primer and a thick coating with acrylic or siloxane rustic finish, as indicated below:

**Primer:**  
RIALTO PRIMER or STABILIZER

**Leveling product:**  
RIALTO INTONAL or MATONAL

**Mesh:**  
RIALTO FIBRELAST

**Color-blending primer:**  
RIALTO FINISH or DOMOSIL

**Thick coating:**  
RIALTO CARSO 1 or 2, CARSO 1 or 2, DURALBO, DURALBO SILOSSANICO, ERALIT or ERALIT SILOSSANICO

**COVERING CAPACITY**

	Undercoat	For cracks < 0.5 mm	For cracks < 1.5 mm
<b>PRIMER</b>			
<b>STABILIZER</b>		approx. 50 m <sup>2</sup> /lit	approx. 50 m <sup>2</sup> /lit
<b>RASELAST</b>		approx. 6 m <sup>2</sup> /lit	approx. 6 m <sup>2</sup> /lit
<b>FIBRELAST</b>		approx. 1.2 kg/m <sup>2</sup>	approx. 2 kg/m <sup>2</sup>
<b>DUROFLEX</b>		approx. 3 - 3.5 m <sup>2</sup> /lit	approx. 3 - 3.5 m <sup>2</sup> /lit

**COVERING CAPACITY**

	Undercoat	For cracks < 0.5 mm	For cracks < 1.5 mm
<b>INTONAL</b>		approx. 50 m <sup>2</sup> /lit	approx. 50 m <sup>2</sup> /lit
<b>MATONAL</b>		approx. 6 m <sup>2</sup> /lit	approx. 6 m <sup>2</sup> /lit
<b>FIBRELAST</b>		approx. 1.2 kg/m <sup>2</sup>	approx. 2 kg/m <sup>2</sup>
<b>FINISH</b>		approx. 8 m <sup>2</sup> /lit	approx. 10 m <sup>2</sup> /lit
<b>DOMOSIL</b>		approx. 8 m <sup>2</sup> /lit	approx. 10 m <sup>2</sup> /lit
<b>CARSO 1 - CARSO 2 SILOSSANICO</b>		approx. 2 kg/m <sup>2</sup>	approx. 3.3 kg/m <sup>2</sup>
<b>DURALBO - DURALBO SILOSSANICO</b>		approx. 1.7 kg/m <sup>2</sup>	approx. 3.3 kg/m <sup>2</sup>
<b>ERALIT - ERALIT SILOSSANICO</b>		approx. 1.5 kg/m <sup>2</sup>	approx. 1.5 kg/m <sup>2</sup>

**RIALTO DUROFLEX** is available in white color and in the following colors of Coloflex Italia:

60-02	60-03	60-04	60-05
60-16	60-36	60-37	60-40
60-41	60-48	60-63	60-64
60-65	60-78	60-88	60-97

For further help or information regarding the products in the **RIALTO** range contact your local dealer.

Every care has been taken to ensure that the information provided in this technical data sheet is accurate. **HARPO** is unable to guarantee results as it has no control over the conditions under which its products are applied.

**HARPO spa • rialto division**  
via torino, 34 • 34123 trieste • italia • phone +39 040 318 6611 • fax +39 040 318 6666  
rialto@rialto-colors.com - www.rialto-colors.com



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