



# COVERCOL AB RAPID

ADHESIVE AND ELASTOPLASTIC WATERPROOFING AGENT  
 QUICK SETTING TWO-COMPONENT CEMENT-POLYMER BASE  
 FOR WATERPROOFING AND INSTALLING SWIMMING POOLS, BALCONIES,  
 TERRACES AND BATHROOMS

GRANTS *LEED* CREDITS

**1 | PROBLEM**

**WATERPROOFING AND BONDING FLOORING ON NEW BALCONIES AND BONDING ON OLD BALCONIES**

**2 | PROBLEM**

**PROTECTING THE CONCRETE SCREED AND BONDING FLOORING ON OLD AND NEW TERRACES**

**3 | PROBLEM**

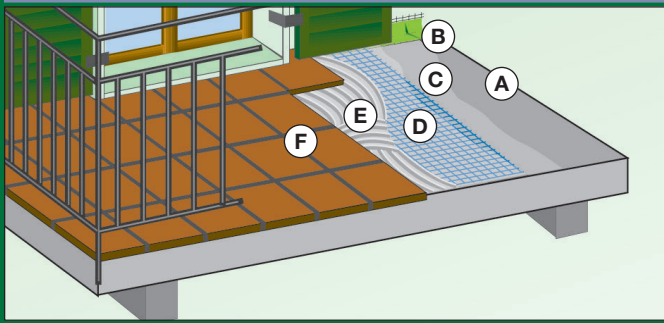
**WATERPROOFING AND BONDING FLOORING AND FACING IN BATHROOMS AND SHOWERS**

**4 | PROBLEM**

**WATERPROOFING AND BONDING FLOORING AND FACING IN SWIMMING POOLS**

# 1 SOLUTION: waterproofing and bonding flooring on old balconies and bonding on old balconies

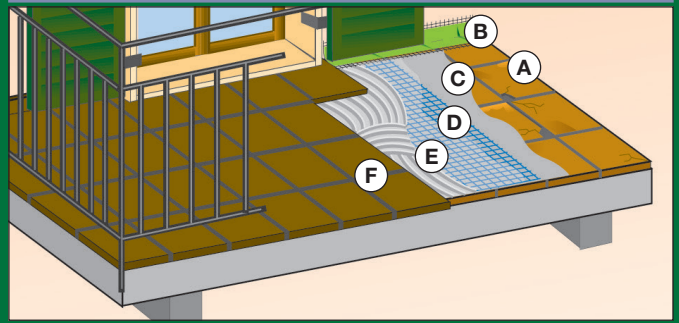
- Waterproofing and bonding on existing flooring which will not be removed (overlay)



## SOLUTION FOR NEW BALCONIES

- A** Cement screed
- B** COVERBAND layer
- C** COVERCOL AB RAPID layer (waterproofing)
- D** RETINVETRO FOR SMOOTHING RENDERS
- E** COVERCOL AB RAPID layer (adhesive)
- F** Grouting spaces in the new flooring with FUGOCOLOR+FUGOSEAL or with FUGOFLEX or with FUGOPOX COLOR AB

- Waterproofing and bonding flooring on balconies where levels prevent the installation of membranes

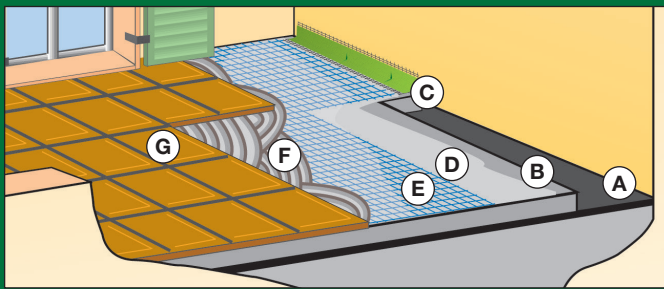


## SOLUTION FOR OLD BALCONIES

- A** Cement screed
- B** COVERBAND layer
- C** COVERCOL AB RAPID layer (waterproofing)
- D** RETINVETRO FOR SMOOTHING RENDERS
- E** COVERCOL AB RAPID layer (adhesive)
- F** Grouting spaces in the new flooring with FUGOCOLOR+FUGOSEAL or with FUGOFLEX or with FUGOPOX COLOR AB

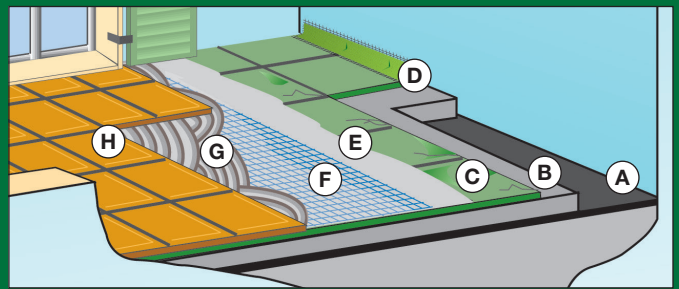
# 2 SOLUTION: protection of the screed and bonding flooring on old and new terraces

- The surface is waterproofed with a polymer-bitumen membrane. Problems can arise however if water infiltrates and saturates the floor screed above the membrane, causing floor tiles to detach due to repeated frost than cycles and causing anti-aesthetical efflorescence



## SOLUTION FOR NEW TERRACES

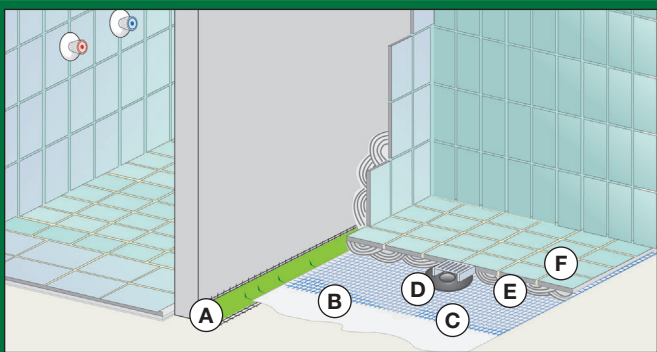
- A** Polymer-bitumen waterproofing membrane
- B** Cement screed
- C** COVERBAND layer
- D** COVERCOL AB RAPID layer (protection of the screed)
- E** RETINVETRO FOR SMOOTHING RENDERS
- F** COVERCOL AB RAPID layer (adhesive)
- G** Grouting spaces in the new flooring with FUGOCOLOR+FUGOSEAL or with FUGOFLEX or with FUGOPOX COLOR AB



## SOLUTION FOR OLD TERRACES

- A** Polymer-bitumen waterproofing membrane
- B** Cement screed
- C** Old flooring
- D** COVERBAND layer
- E** COVERCOL AB RAPID layer (protection of the screed)
- F** RETINVETRO FOR SMOOTHING RENDERS
- G** COVERCOL AB RAPID layer (adhesive)
- H** Grouting spaces in the new flooring with FUGOCOLOR+FUGOSEAL or with FUGOFLEX or with FUGOPOX COLOR AB

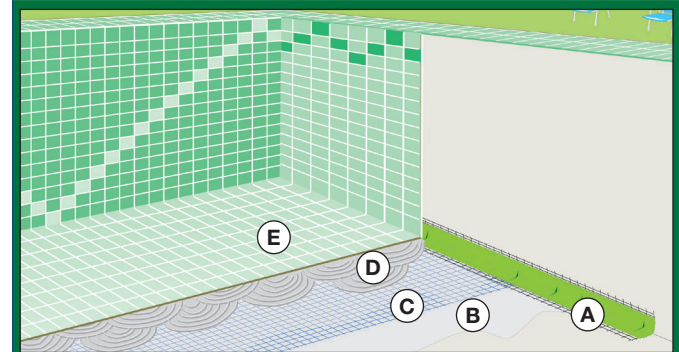
# 3 SOLUTION: waterproofing and bonding flooring and tiles in bathrooms and showers



## SOLUTION FOR BATHROOMS

- A** COVERBAND layer
- B** COVERCOL AB RAPID layer (waterproofing)
- C** RETINVETRO FOR SMOOTHING RENDERS
- D** Positioning of the pipe union and drain
- E** COVERCOL AB RAPID layer (adhesive)
- F** Grouting spaces in the new flooring with FUGOCOLOR+FUGOSEAL or with FUGOFLEX









# 4 SOLUTION: waterproofing and bonding flooring and tiles in swimming pools



## SOLUTION FOR SWIMMING POOLS

- A** COVERBAND layer
- B** COVERCOL AB RAPID layer (waterproofing)
- C** RETINVETRO FOR SMOOTHING RENDERS
- D** COVERCOL AB RAPID layer (adhesive)
- E** Laying the flooring and grouting spaces in the flooring with FUGOPOX AB or FUGOPOX COLOR AB



CHARACTERISTICS			ENVIRONMENTAL	METHOD OF USE		PRECAUTIONS	
							
TWO-COMPONENT	WATER BASED	WATERPROOFING	ECO GREEN	MIX MECHANICALLY	APPLY BY TOOTHED SPATULA	STORAGE: IN A DRY PLACE	STORAGE: KEEP AWAY FROM FROST

## SOLUTION

**COVERCOL AB RAPID** is a two-component product with base of hydraulic bonding agents and acrylic elastomers capable of absorbing structural movements without damage, thanks to its excellent level of flexibility and elasticity. **COVERCOL AB RAPID** solves the problem of waterproofing and sticking new flooring materials onto balconies, refurbishments and new builds all in one go with just one product. It can be laid on existing floors without having to demolish them. On terraces, it is used to protect the screed and for bonding the paving. It is easy to apply, quick and free from demolition costs. In the event of repairs, work is carried out straight on the existing

paving or flooring, hence solving the problem of waterproofing and sticking the new floor in just one day. **COVERCOL AB RAPID** gives concrete foundations excellent protection from atmospheric aggression as it is waterproof. It is also used in swimming pools, in overlaps of

exterior and interior paving/flooring, waterproofing parts, etc. The strong adhesion guarantees safe sticking of almost any type of flooring materials: ceramic, natural stone or composite materials.



## ADVANTAGES

- **COVERCOL AB RAPID** is a single product for both waterproofing and bonding.
- **COVERCOL AB RAPID** is a cheap system. Work times are extremely fast without blocking the building site activity. Overlaying is done in one day only without costly demolition work.
- Excellent workability and long open time allow optimal laying of ceramic wall and floor tiles.
- Excellent flexibility covers and protects against the formation of cracks in the substrate.
- High adhesion on various types of supports.
- High resistance to frost/thaw cycles and chemical aggression.

## METHOD OF USE

### • SURFACE PREPARATION

The supports must be smooth and free from dust, non-uniform parts, traces of oil, or dirt in general. Surfaces cleaned with water cleaners must be free from stagnated water. If working on an old floor, any tiles that have come loose or broken must be removed and levelled with the rest of the foundation. Any skirting boards must be totally removed in order to create the best possible waterproofing using **COVER-**

**BAND** joint covering tape (1).

### • MIX PREPARATION

Pour the latex (component **B**), into the container, and gradually add component **A**, in powder, mixing with a low speed mechanical stirrer until a smooth mixture is obtained without any lumps, with excellent plasticity (2).

### • APPLICATION

Spread **COVERCOL AB RAPID** with a stainless steel spatula smoothing uniformly. A consumption of 1.5-2 kg/m<sup>2</sup> is sufficient to create a waterproof layer. In areas subject to particular strain it is necessary to reinforce the **COVERCOL AB RAPID** coating with **RETINVETRO PER RASANTI**, an alkali resistant reinforcement fibreglass mesh (mesh size 4x5 mm) (3). **RETINVETRO** is to be sunk into the layer of **COVERCOL AB RAPID** while it is still wet. Also turn up the waterproof covering on the connections between the horizontal and vertical surfaces by the height envisaged for any skirting board applying the joint covering sealing tape **COVERBAND** on the external joint. Wait 5-6 hours for the waterproofing layer to set, then lay the tiles directly, using the same product, **COVERCOL AB RAPID** (4-5). The double spreading method is the most recommended in laying outdoors in order to prevent any empty gaps. To seal the joints we recommend using products in the **FUGOCOLOR** line, with added **FUGOSEAL** latex, or **FUGOFLEX 2-12** for outdoor terraces, and **FUGOPOX COLOR AB** for swimming pools and bathrooms (6).

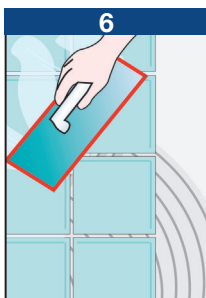
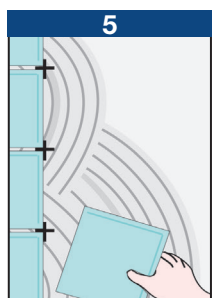
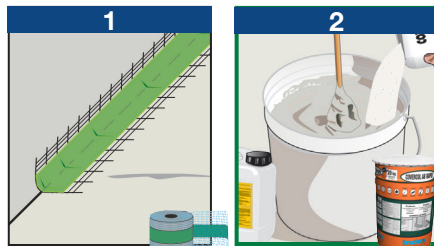
### • CONSUMPTION

Waterproofing layer with **RETINVETRO**: 2 kg/m<sup>2</sup>. Adhesive layer (depending on the type of spatula and tile): 3-5 kg/m<sup>2</sup>.

### • PRECAUTIONS

- Don't use on surfaces made of metal, rubber, vinyl floors, wood, linoleum or PVC.
- In case of marble or composite stones particularly sensitive to water, we suggest you to consult our technical office.

- If the back of the tiles are very dusty, it is recommended to clean them by dipping them quickly in water.
- In adverse weather conditions (high temperatures, wind) the normal open time may be shorter. Therefore you must make sure the adhesive has not formed a "skin" before laying the tile, which would compromise adhesion. If a "skin" has formed on the surface, simply refresh the adhesive by crossing again with the toothed trowel without wetting.
- In high temperatures wetting the foundation helps to increase the open time.
- Never use with temperatures below +5°C and high than +35°C. Protect tiles from rain, frost and high temperature for 24 hours at least.
- In hot weather avoid laying the adhesive on large surface areas.
- Glue uniformly.
- Damp surfaces can slow the setting of the product.
- When overlaying, the surfaces must be washed well with water and caustic soda (9:1).
- It guarantees a surface which can be walked on only if it is protected by a tile covering.
- Clean the tools with water and the covered surfaces with a damp cloth immediately after use.
- Do not expose the material to direct sunlight in hot weather.
- Store the original closed packaging in a dry place.



## CERTIFICATION



# DIN

Certification DIN18156  
Waterproofing, adhesion,  
resistance to chlorine and  
to cracking. Suitability for  
bathroom and swimming  
pools

# TECHNICAL CHARACTERISTICS

		COVERCOL AB RAPID	
		COMPONENT A	COMPONENT B
Appearance		Powder	Latex
Water mix ratio		15	6
Apparent density		1.30 ± 0.05 kg/ℓ	1.01 ± 0.10 kg/ℓ
Colour		White	
Shelf life in original packaging (dry stored)		12 months	
<b>Mix characteristics and workability</b>	<b>Standard</b>		
Density of mix	<b>EN 1015-6</b>	1.60 ± 0.05 kg/ℓ	
Mix pH		12	
Application temperature		+5°C ÷ +35°C	
Pot life (*)		about 1 hours	
Open time (*)		20 minutes	
Adjustability time		30 minutes	
Waiting time - before foot traffic use (*)		6 hours	
Waiting time - before grouting (*)		6 hours	
Adhesives class for application of ceramic		C2S1-C2S2, in compliance with EN 12004:2007+A1:2012	
Waiting time - for application of ceramic or paints (*)		6 hours	
<b>Performance characteristics</b>	<b>Standard</b>	<b>Product performance</b>	
<b>Class and type</b>	<b>EN 1504-2</b>	<b>C PI-MC-IR</b>	
<b>Class and type</b>	<b>EN 14891</b>	<b>CM OP</b>	
<b>Class and type - adhesive</b>	<b>EN 12004</b>	<b>C2FS2</b>	
<b>Transversal deformation class of adhesive</b>	<b>EN 12002</b>	>70 mm - class S2	
Cold flexibility	<b>UNI 1109</b>	-40°C	
<b>Initial adhesion strength</b>	<b>EN 1348 P8.2</b> <b>EN 14891</b>	≥1.00 N/mm <sup>2</sup>	
<b>Early tensile adhesion strength</b>	<b>EN 1348 P8.2</b>	≥0.50 N/mm <sup>2</sup>	
<b>Adhesion strength - after immersion in water</b>	<b>EN 1348 P8.3</b> <b>EN 14891</b>	≥1.00 N/mm <sup>2</sup>	
Adhesion strength - after basic water dipping	<b>EN 14891</b>	≥0.50 N/mm <sup>2</sup>	
Adhesion strength - after chlorate water dipping	<b>EN 14891</b>	≥0.50 N/mm <sup>2</sup>	
<b>Adhesion strength - after heat</b>	<b>EN 1348 P8.4</b> <b>EN 14891</b>	≥1.00 N/mm <sup>2</sup>	
<b>Adhesion strength - after thaw-frost cycles</b>	<b>EN 1348 P8.5</b> <b>EN 14891</b>	≥1.00 N/mm <sup>2</sup>	
<b>Open time: adhesion strenght - after 10'</b>	<b>EN 1346</b>	≥0.50 N/mm <sup>2</sup>	
<b>Water vapour permeability</b>	<b>EN 7783</b>	Sd <5 m - class I	
<b>Adhesion strength</b>	<b>EN 1542</b>	≥1.0 MPa	
<b>Capillary absorption and water permeability</b>	<b>EN 1062-3</b>	w<0.1 kg/m <sup>2</sup> ·h <sup>0.5</sup>	
<b>CO<sub>2</sub> permeability</b>	<b>EN 1062-6</b>	Sd >50 m	
Watertightness	<b>EN 14891</b>	>500 KPa - waterproofing	
Crack bridging	<b>EN 1062-7</b>	>0.5 mm - class A3	
Crack bridging ability at +20°C	<b>EN 14891</b>	>0.75 mm	
Crack bridging ability at -20°C	<b>EN 14891</b>	>0.75 mm	
Ultimate elongation	<b>NFT 46002</b>	40 ± 5%	
Thermal resistance - Operating temperature		-35°C ÷ +90°C	
Fire reaction	<b>EN 13501-1</b>	E CWFT P4.4.3	
<b>Hazardous substances</b>	<b>EN 12004</b> <b>EN 1504-2</b>	in accordance to ZA.1 note	

Test conditions: temperature 23±2°C, 50±5% R.H. and air velocity in test area <0.2 m/s. These data may change depending on specific site conditions: temperature, ventilation, moisture and substrate absorbency. (\*) The times indicated will be longer or shorter as the temperature drops or rises.

Pursuant to European standard EN 12004:2007+A1:2012 and EN 1504-9 - General principles for the use of products and systems.

## PACKAGING

### COVERCOL AB RAPID

20-kg Pail containing:

- component A: 15-kg Sack
- component B: 5-kg Can



the numerous possible uses and the possible interference of conditions or elements beyond our control, we assume no responsibility regarding the results which are obtained. The purchasers, of their own accord and under their own responsibility, must establish the suitability of the product for the envisaged use.

The figures shown are average indicative figures relevant to current production and may be changed or updated by INDEX at any time without previous warning. The advice and technical information provided, is what results from our best knowledge regarding the properties and the use of the product. Considering

• FOR ANY FURTHER INFORMATION OR ADVICE ON PARTICULAR APPLICATIONS, CONTACT OUR TECHNICAL OFFICE • IN ORDER TO CORRECTLY USE OUR PRODUCTS, REFER TO INDEX TECHNICAL SPECIFICATIONS •

<p><b>index</b> Construction Systems and Products</p> <p>Via G. Rossini, 22 - 37060 Castel D'Azzano (VR) - Italy - C.P.67 T. +39 045 8546201 - F. +39 045 518390</p>	<p>Internet: <a href="http://www.index-spa.com">www.index-spa.com</a> Informazioni Tecniche Commerciali <a href="mailto:tec.com@indexspa.it">tec.com@indexspa.it</a> Amministrazione e Segreteria <a href="mailto:index@indexspa.it">index@indexspa.it</a> Index Export Dept. <a href="mailto:index.export@indexspa.it">index.export@indexspa.it</a></p>		<p>TOTAL QUALITY <b>index</b></p> <p>UNI EN ISO <b>9001</b></p>	<p>Environmental Management Systems <b>index</b></p> <p>UNI EN ISO <b>14001</b></p>	<p><b>index</b> socio del GBC Italia</p>	
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