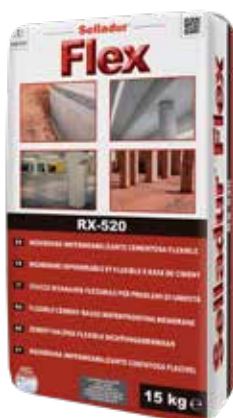
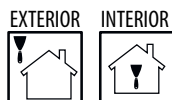


RX-520

Selladur®

FLEX

Flexible cement based waterproofing reinforced with fibreglass



RECOATED

BY ALL TYPES OF CONVENTIONAL PAINTS ONCE COMPLETELY DRY (1)

USES

Consistent absorbent and semi-absorbent bases and usual bases in construction. Substrates should be healthy, cohesive, absorbent, well adhered clean and free from dust.

FEATURES

- Highly flexible.
- Fast setting
- Barrier against humidity
- Permeable to water vapour.
- Breathable
- Fibred
- Beige Colour
- Fit for applying on wet substrates
- Excellent adhesion on absorbent substrates
- Good impact resistance.
- Excellent abrasion resistance.
- Easy to apply.
- Ability to upgrade fissures
- Can be recoated with ceramic materials of any type of absorption, can be used as gripping material for a pasting operation.
- Storage: 12 months inside its original packing and kept free from damp and humidity.

IDEAL FOR

- Protecting against penetration, control of humidity, the increase of resistivity and physical resistance for concrete structures according to UNE-EN 1504-2
- Waterproofing of substrates subject to deformations.
- Waterproofing of water deposits, tanks, canals, concrete pipes, buried foundations, walls and basement floors, etc.
- Waterproofing terraces and balconies.
- Industrial floors such as mechanic's workshops, leisure areas, pedestrian streets, parkings, warehouses, hangars, service stations, etc..



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HOW TO APPLY IN CONSTRUCTION

SUBSTRATE PREPARATION

The substrate should be healthy, clean and free of any trace of saltpetre, fungus, micro-organisms, grease, release agent oils and in general any type of material that could prevent the good adherence of the product on the base. It must be as uniform as possible.

Substrates that are excessively dry but consistent must be wet with the help of a brush, roller or sponge prior to the application of Selladur. Avoid the saturation of the substrate.

If the substrates are dry and show disintegration on the surface, the prior application of Solvent based Fijapren RX-501 is recommended. Substrates that are wet or humid cannot be treated with Fijapren al disolvente. (Solvent based Fijapren)

Wet, humid or disintegrated substrates, should be scratched to eliminate any inconsistent part until a solid base is reached.

HOW TO USE

• APPLYING IN THE FORM OF PAINT

Mix with water at the rate of 25 - 27% (for each 1kg, use 250 – 270 g of clean water for mixing according to the thickness required). Mixing should be done manually or mechanically using a low revolution electric mixer until a liquid paste is achieved, (like a conventional paint) without lumps. Allow 5 minutes to stand and then apply on the substrate to be waterproofed with a brush (preferably synthetic fibre brush) or a short bristle roller.

Be aware that on applying in the form of paint on vertical substrates, in order to avoid dripping, no more than a 2mm thickness can be deposited per coat.

• APPLYING IN THE FORM OF PUTTY

Mix with water at the rate of 20 - 25% (for each 1kg, use 200 – 250 g of clean water for mixing according to the thickness required). Mixing should be done manually or mechanically using a low revolution electric mixer until complete homogenization. Allow 5 minutes to stand and then apply on the substrate to be waterproofed with a trowel, spatula or spade to the thickness required (maximum 4mm per coat to be pasted) exerting the necessary pressure for its compaction.

If more than 4mm thickness is required, this should be done in several coats, which is to say: a first coat of 4mm will be applied and left to harden then we will proceed in applying another coat of 4mm and so on.

For doing deposits of thickness greater than 4mm and in order to avoid possible cracking due to superficial tension or an excess of material applied in one or more coats, we recommend the intermediate application of our fiberglass mess RG-116 resistant to cement alkali. The mess should be put on with the help of a spatula or trowel after the first coat before drying exerting a slight pressure on the fibre, embed into the inside of the material applied in order to leave partially or completely covered. Allow the product to dry and then deposit the last coat with material thus completely covering the fiberglass.

Correct waterproofing requires an application in several coats of 3 – 4 mm thickness.

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TECHNICAL FEATURES

DEEP DRYING TIME

SUBSTRATE	AVERAGE THICKNESS	TIME
Concrete	1 mm. coat	3 – 4 hrs.

PERFORMANCE

Kilogrammes of past applied per m2 in 1 mm. thickness	1.0 – 1.5
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ADHERENCE

on cement substrates – coat of 2 mm.

TRIAL	RESULTS
Initial adherence (28d)	> 2.2 MPa
Adherence after immersion in water	> 0.5 MPa
Adherence after thermal ageing	> 2.8 MPa

USEFUL LIFE	30' - 40'
Maximum thickness	3 - 4 mm
Maximum granulometry	400 µm
pH	12 – 13
Flexural strength (EN12190)	≥ 4.0 N/mm ²
COMPRESSIVE STRENGTH (EN12190)	≥ 5.0 N/mm ²

Adherence by direct traction (EN 1542)	≥ 2.0 MPa
Permeability to water vapour (EN ISO 7783)	Class II
Cleaning tools	Con agua
Capillary absorption and permeability to liquid water (EN 1062-3)	< 0.1 Kg (m ² ·h ^{0.5})
Permeability to CO ₂ (EN 1062-6)	Sd > 50m
TABER ABRASION RESISTANCE (EN ISO 5470-1)	Loss of weight < 110 mg
IMPACT RESISTANCE (EN ISO 6272-1)	≥ 10Nm Class II

DENSITY

POWDER (g/ml)	PASTE (g/ml)
1.00 - 1.05	1.60 - 1.65

PENETRATION OF WATER UNDER PRESSURE (EN 12390-8)

DIRECT PRESSURE	INDIRECT PRESSURE
Reduction of a 28% of water penetration at 0.05 MPa according to Cemosa Rapport 01-18/039190/1	0.5 MPa ACCORDING TO CEMOSA RAPPORT 01-18/039190/1

RX-520**Selladur®****FLEX****EMBALAJE**

FORMAT	15 Kg	15 Kg	5 Kg
UNITS/CASE	–	–	–
PALLETS	44 CONTAINERS	66 SACKS	120 CONTAINERS

**INFORMATION OF INTEREST**

The manufacturing process of the Selladur range is controlled in batches, which allows traceability in the case of any incident. The quality control system used includes, the individual design and development of each article, both with the raw materials used confirming manufacturing uniformity, as well as the final product obtained. The use in our facilities of eco-technology in the manufacturing process allows the completion of environmentally friendly efficient work.

- Non-flammable product. Irritant.
- Avoid contact with eyes and skin.
- Smoking, eating or drinking in the area of use is prohibited.
- Comply with Health and Safety at Work Executive regulations.
- Store the product in a dry place, in its original packaging firmly closed.
- Store the containers between 5°C and 35°C.
- Recommended storage time: 12 months as from date of manufacture, in its original container, closed well in a dry and cold place.

Further information relative to protection measures and first aid, check Product Safety Sheet.

OBSERVATIONS

- (1) Selladur RX-520 can be recoated by any type of putty or mortar from our ranges, decorative coatings or paints (as long as they are breathable and resistant to cement alkali). In order to avoid the loss of colour, if you wish to apply an intense coloured plastic paint on Selladur, previously apply one coat of our product Concrete Microprimer RX-517 and after apply the paint as usual.
- The reading of this product's data sheet is indispensable for the correct use and application.
- The principles given in this data sheet have been obtained under normal laboratory conditions and on normal surfaces, results may vary, depending on the conditions of construction, (absorption of the surface, thickness applied, mixing water, temperature and humidity).

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OBSERVATIONS

- Work conditions of the user are out of our control.
- The product should not be utilized for other uses except the ones indicated. It is advisable to strictly follow the recommendations of use given.
- Do not exceed the recommended maximum thickness.
- A previous inspection of the state of the surface before use is fundamental.
- Use the product within its lifetime. Unfavourable properties can be obtained once this time is exceeded.
- Do not use outdoors in icy temperatures or days that forecasts rain. Protect the application from the rain, strong winds or direct sunlight for the first 48 hours after use.
- Do not apply on extremely crystalline surfaces.
- Do not apply on synthetic paint, wood or gypsum.
- On gypsum substrates apply exclusively RX-506P Selladur plaster backgrounds.
- It will lose its technical features if mixed with any other material.
- The substrate can be wet or dry at the moment of applying the product. Avoid applying on substrates with stagnant water.
- Substrate and environment temperature: minimum +5° C /maximum + 35° C
- In the case of painting RX-520 with a solvent based paint we recommend a previous preliminary test.
- If the product is applied on façades or is continuously exposed to the sun's U.V. rays, coating with a paint resistant to cement alkali is recommendable.
- ESTABLECIMIENTOS BAIXENS' technical department informs that the new designs in the development of recent launches are considered in their experimental phase until an annual revision is made. From this point on, the product of a recent launch is considered as being totally consolidated in the market. In the meantime, ESTABLECIMIENTOS BAIXENS reserves its right to adapt the variable specifications or ranges of work, according to technical criteria. The information subject to modification, will be identified with an Asterix at the top for easy recognition of those products which are the subject of new creation or are subject to an experimental phase or improvement in our different ranges because of market demand and or needs.
- We have a technical-sales team at your disposal for technical advice or consultation.
- For more information apply for the Selladur catalogue at your sales point. You can also consult and download from our website.


BAIXENS

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Testing the difference

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