

## Resin Epoxy Base Structural Adhesive

# RR FIXA TOP<sup>®</sup> 31 - DOUGHY

### PRODUCT

RR Fixa Top<sup>®</sup> 32 is an epoxy resin based structural adhesive, solvent free, bi-component of pasty consistency, formulated for repairing or recomposing of parts subjected to cyclic and dynamic load, possessing high initial resistance and excellent chemical resistance.

RR Fixa Top<sup>®</sup> 32 is excellent for protection of frameworks, bars anchoring work, screws and steel bars.

### SEGMENTS OF USE

RR Fixa Top<sup>®</sup> 32 was developed for setting of diverse substrates, like:

- Concrete-concrete
- Setting of screws, rebar, steel anchors and rails
- Fresh concrete with old concrete
- Concrete - wood - ceramic - tiles
- Protection of frameworks
- Repair of boats
- Glass bonding, aluminum and stones, etc

### APPLICATION

For good adherence and satisfactory results, the surfaces must be clean, free of powder, oil or grease. Apply RR Fixa Top<sup>®</sup> 32 with different kinds of brushes and spatulas or pouring it down filling all the cavities. Use alcohol or solvent to clean the tools.

### MIXING

To use a portable mixer or a rod attached to a drill or do it mechanically, the material has to be mixed well until the color becomes a uniform gray.

### BENEFITS

- Solvent free
- Easily handled
- Great mechanical and chemical resistance
- Excellent adherence to concrete and various substrates
- Dries fast
- Can be applied over dry and moist surfaces
- Waterproof
- Does not retract

### CHARACTERISTICS AND YIELD

PROPERTIES	RR Fixa Top <sup>®</sup> 32
Color	Gray
Pot life à 77°F (25°C)	1 hour – 50% u.r
Initial dry	6 to 8 hours
Final cure for test	7 days
Approximate yield	1,6 Kg/m <sup>2</sup> mm of thickness
Resistance to compression Mpa	80 (NBR 5739) in 7 days
Hardness MOHS	9 to 7 days
Flexion Mpa	43 in 7 days
Resistance	Water, oil, grease and aggressive environment
Density A+B	1,70 g/cm <sup>3</sup>
Component A	Epoxy resin
Component B	Reactive polyamide
Package	Kit de 1 Kg = A + B

### DESEMPENHO Concreto 30 MPa

Diameter of Reference (Pol)	Rod Diameter (mm)	Hole Diameter (Pol)	Depth of Hole (mm)	Depth Hole (mm)
5/16	8	8	12	90
3/8	10	10	14	100
½	12	12	16	115
5/8	16	14	20	125
4/5	20	20	25	180
19/20	24	24	30	240
1,2	30	30	35	280

Adhesion resistance in 14 days the old concrete (ASTM-C882) 20 MPa.

Adhesion resistance in 14 days the new concrete (ASTM-C882) 8 MPa.

### CLEANLINESS AND SAFETY

Users must use safety glasses and rubber gloves. Direct contact with the skin should be avoided (can cause irritation). In case of contact with the skin or eyes, wash immediately with abundant water and consult a doctor and inform the type of product. Keep out of the reach of children and animals and sources of heat.

### STORAGE

RR Fixa Top<sup>®</sup> 32 should be stored in a dry location, covered and ventilated below between 5°C (41°F) and 30°C (86°F).

### VALIDITY

Kept in original packaging, the product has an expiration with a minimum 12 months