

Concrete
Additives

EQU-BOND SBR

Multi-purpose cement adhesive

**General Properties:**

- **EQU-BOND SBR** is a bonding agent formulated from modified synthetic resin used with cement & cement mortars.
- Increase bonding strength to smooth surfaces
- Minimizes shrinkage, reduces permeability.
- Improves abrasion resistance, increases mechanical strength.
- Excellent adhesion, non flammable.
- Economic and easy to use.

Uses:

- Bonding agent for old and new concrete.
- Patching & making good adages for corners and render.
- Bonding agent for render to fair face concrete and cement mortars.
- Increases workability and retardation of setting for Gypsum.
- Applying thin, workable, durable and free of cracks screeds that has high bond strength.

Mixing Ratio:

Substrate should be clean & free from any foreign material.

Priming

EQU-BOND SBR (1) volume.

Water (1) volume.

Cement (3) volume.

Mix thoroughly to a slurry coat. The topping should be applied whilst the slurry coat is wet, else repeat priming.

Mortar

An ideal mortar mix design consists of:

150 Kgs clean graded sand.

50 Kgs Portland cement.

6-8 Kgs EQU-BOND SBR

Add water till 18 lit. To adjust consistency.

Note:

- EQU – Bond SBR should not be used solo, it should be mixed always with cement.
- After mixing time for about 10 min. and begin priming to reach the required viscosity.

Technical Data:

Pulloff test (Bond strength) : ASTM D 4541-95

Four samples were applied with four different ratios of components:

Cement, water and **EQU-BOND SBR** with thickness 1-2 mm of the slurries.

Concrete substrate having strength 300 kg/cm².

Test applied after 7 days.

Bond to cement substrate as in table below:

	Cement	Water	EQU-BOND	Pulloff strength test
1	20	20	10	0.6 N/mm ²
2	28	30	10	0.45 N/mm ²
3	36	40	10	0.4 N/mm ²
4	44	50	10	0.3 N/mm ²

Packaging : 1 kg, 5 Kg , 20 kg , 100 kg .

Shelf Life : 12 months in closed containers away from direct sun light, heat and humidity.

Environment:

- Boots, rubber gloves, dust masks, and safety goggles.
- Refer to MATERIAL SAFETY DATA SHEETS (MSDS).

END OF TECHNICAL DATA

For more information please contact our technical department

Head Office : 21 Takseem El Awkaf – EL Sawah Sq. Cairo – Egypt

Tel : 002 / 02 24535678 - 24535679 Fax : 002 / 02 24538986

Web site : www.yasmomiser.com E-mail: yasmo@yasmomiser.com



28437/A



28437/B



28437/C

