



CoralMastic R600

Cementitious Mastic Sealant

1.0 Description

CoralMastic R600 is a cementitious sealant serving as a strong elastic grout able to sustain important strains and deformations. It is 100% waterproof and has high bonding strength to concrete and other traditional building materials. Protects steel reinforcements from corrosion and can be covered with ordinary concrete coatings. It is also specialized in treating cracks on concrete surface with durability in line with shelf life of concrete material.

CoralMastic R600 is a suitable material to seal up the perimeter and to waterproof 'Pipe-Through-Slab' and 'Pipe-Through-Wall' System.

2.0 Technical Data

Content	: PART A-cement /additives /fillers + PART B-Resin	
Resin:	: white liquid minimum gelly temp:0°C	
pH value	:8	
Dry extract	:58%	
Powder / Resin	: 60% /40%	
Mixed product wet v.m.	:1.52 g/cm ³	
Mixed product dry v.m.	:1.49 g/cm ³	
Colour	: dark grey	
Film elongation performance	: 120%	
Bonding strength to concrete	: >1Mpa	HKHA/MTS(2002/2004) Spec Pt D C12.1.14
Bonding strength to UPVC, PVC, PPC	: 0.8 – 1Mpa	Ditto
Bonding strength to fibrocement	: >1Mpa	Ditto
Bonding strength to woods	: >1Mpa	Ditto
Bonding strength to steel metal	: >1Mpa	Ditto
Tack Free Time	: 45min	
Setting time	: 6 to 20 hours according to thickness	

3.0 Typical Application

Anchoring and flexible bedding, compressible filler for concrete joint, deformable joints vertical & horizontal, filling of sewerage shafts submitted to vibrations, Flexible gluing of concrete, precast concrete unit, ceramic, stone elements. To waterproof pipe-through-slab or pipe-through-wall system subject to positive and negative pressure. Repairing crack in car park, water tank, GRC, and walls. **CoralMastic R600** is thixotropic and does not flow even in strong thickness. It can be utilized on works which will be permanently immersed.

4.0 Application Details

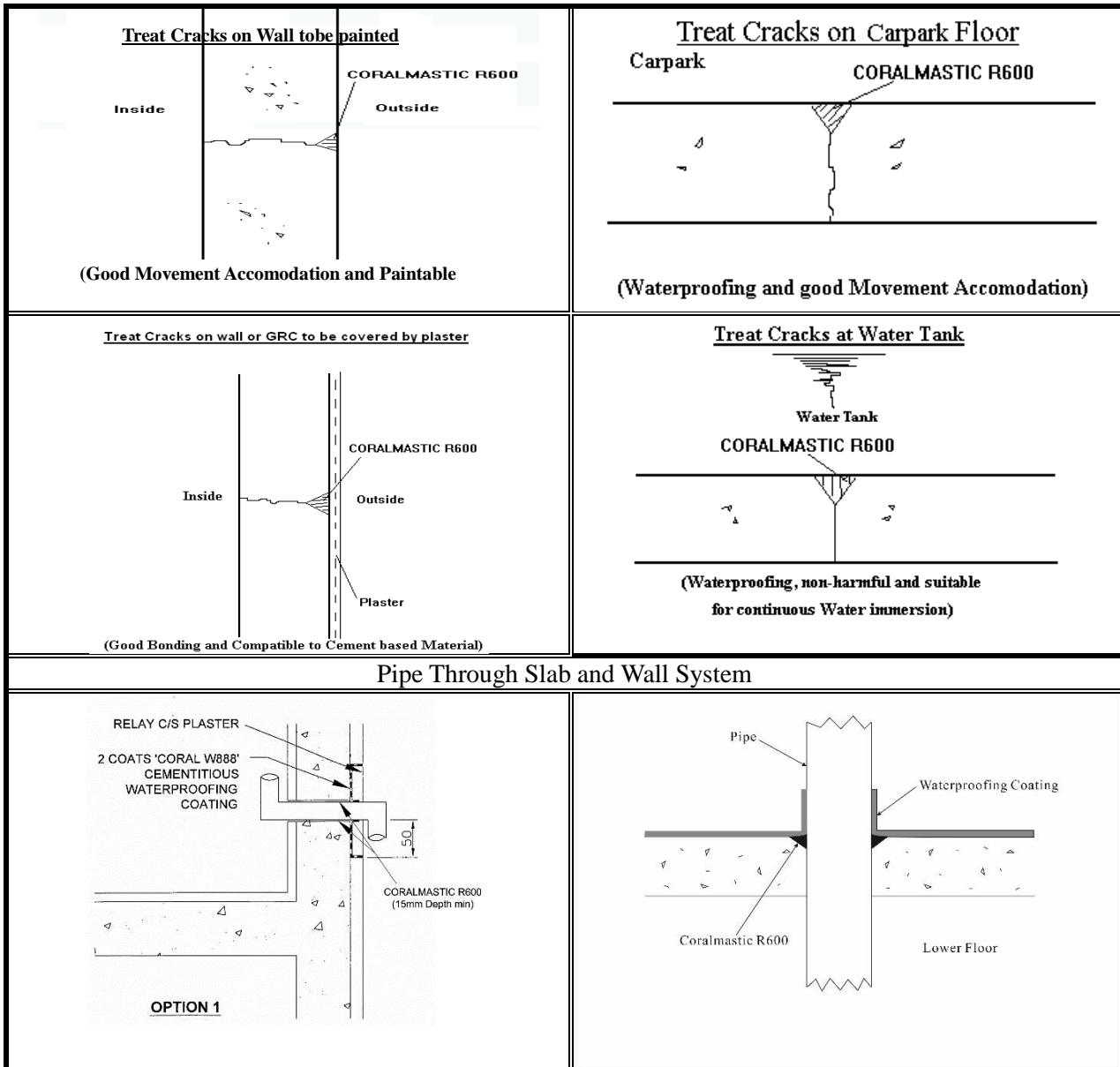
Preparation:

The surface must be solid and remove those materials likes grease and dust.

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5.0 Typical Applications on Cracks Treating System



6.0 Application

The 2 components, i.e. Part A and Part B must be mixed with a slow-speed mechanical mixer for a minimum of 3 minutes until formation of a homogeneous paste . IT IS FORBIDDEN TO ADD WATER . The product can be applied with a spatula or a sealant gun on a substrate that must be previously humidified . When filling cracks the section must have been widened to a minimum 15 to 20mm . In case of large joints, a back support could be prepared .

7.0 Technical Services

The Technical office of MASTER PROOFER COMPANY are available for advice on any of LABOND's products .

8.0 Packaging

Ready to mix 8 Kg/Kit (4.8 kg powder / 3.2 kg resin)

9.0 Coverage

1 kg of Coralastic R600 fills approx. 0.67 lit.