

MasterSeal[®] P 628

Polyurethane Adhesion Promoter for Bridge Deck Waterproofing

DESCRIPTION

MasterSeal P 628 is two component polyurethane based adhesion promoter that improves the adhesion between the waterproofing membrane and the tack coat **MasterSeal P 629**. **MasterSeal P 628** ensures excellent bonding between layers and makes the built up monolithic in action.

FIELDS OF APPLICATION

MasterSeal P 628 is part of the bridge deck waterproofing. It is used as an adhesion promoter for MasterSeal P 629 to make the entire built up monolithic.

FEATURES AND BENEFITS

- **Excellent Adhesion:** Helps in making the built up Monolithic.
- **Excellent Workability:** Can be spread easily using suitable equipment.
- **Environment Friendly:** Non-toxic for the Work men.
- **Long Open Time:** > 3hrs @ 30°C ensures ease of application.

TECHNICAL DATA

Consumption	0.4kg/m ²
Mixing Ratio (weight ratio)	Part A:Part B=4 : 1
Mixture density (20°C)	1.08g/cm ³
F5 Sand broadcast amount	0.8-1.2kg/m ²
Pot life (20°C)	about 20 min
Recoating interval	~ 3 hours @ 30°C ~ 4 hours @ 20°C ~ 6 hours @ 5°C

Film property after cured (7days)

Mechanical Properties	Value	Test Method
Hardness (shore D)	74	JIS K 7215
Elongation (%)	66	JIS K 6911

APPLICATION

MasterSeal P 628 is to be applied on the polyurethane waterproofing membrane.

The setting of **MasterSeal P 628** gets delayed if the ambient temperature is low, therefore proper attention needs to be given to the application temperature.

Before application, the waterproofing substrate layer **MasterSeal M 800** must be dry and clean of oil grease, dirt, paint stains, and other adhesion-impairing contaminants.

Please pay special attention on residual water in case of rain.

MasterSeal P 628 is supplied in two components. Mix the two components using a slow speed hand drill, without disturbing the mixing ratio, until the mix becomes homogeneous. The mixed material should be spread evenly on the waterproofing membrane using roller or squeegee. Distribute silica sand at a consumption of 0.8 to 1.2 kg per sqm on the **MasterSeal P 628** whilst it is still wet.

ESTIMATING DATA

MasterSeal P 628 should be applied at a consumption rate of 0.4 kg / m² on the waterproofing membrane.

PACKAGING

Part A 12kg/can Part B 3kg/can

PRECAUTIONS

1. While handling the material, please wear protective mask, protective goggles, rubber gloves and other protective facilities.
2. In a closed space of working site, please ensure adequate ventilation.
3. Please store the main agent and hardener at an airtight, dry, cool and dark place, and keep away from children.
4. In case of eye contact, immediately wash your eyes with clean water, then accept professional medical treatment.
5. In case of skin contact, immediately wash your skin with limewater, then accept professional medical treatment if necessary. Do not clean with organic solvent.

For the full health and safety hazard information and how to safely handle and use this product, please make sure that you obtain a copy of the Master Builders Solutions Material Safety Data Sheet (MSDS) from our office or our website.

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