

MasterSeal® P 629

Polymer Modified Tack Coat for Asphalt Paving in Bridge Deck Waterproofing System

DESCRIPTION

MasterSeal P 629 is one component tack coat based on specially formulated polymers for use with hot asphalt toppings to improve their adhesion to the polyurethane based bridge deck waterproofing system. **MasterSeal P 629** helps in making the complete built-up of waterproofing membrane and asphalt paving monolithic.

FIELDS OF APPLICATION

MasterSeal P 629 is part of bridge deck waterproofing system. It is used as a tack coat on the polyurethane adhesion promoter **MasterTop P 628** before placing the hot asphalt paving.

FEATURES AND BENEFITS

- **Excellent Adhesion:** Helps in making the built up Monolithic.
- **Good Flow:** Can be spread easily using suitable equipment.
- **Low Soften Point:** Helps in using Asphalt paving at different temperatures.
- **Excellent Elongation:** Prevents cracking of Pavements.

TECHNICAL DATA

Parameter	Actual Value	Standard Value
Colour	Black	
Mixture Density(g/cc)	1.00-1.05	N. A
Consumption	1.0 kg/m ²	N. A
F5 Sand broadcast amount (If necessary)	0.7kg/m ²	N. A
Needle Penetration: Cone needle(mm)	2.5	1-5
Soften point (°C)	113	Mini.80
Pull-off Strength (23°C) MPa	1.24	Mini.0.35
Shear Adhesion (23°C) MPa	0.45	Mini.0.30
Ultimate Elongation (%)	650	Mini.300

APPLCIATION

MasterSeal P 629 is to be applied on the polyurethane based adhesion promoter **MasterTop P 628** once **MasterTop P 628** is dry. The surface should be free from dirt and oil if any were deposited before the application of **MasterSeal P 629**. Melt the **MasterSeal P 629** to a temperature above 230°C before applying it onto the cured **MasterTop P 628** sanded surface. Care should be taken while melting **MasterSeal P 629** to avoid partial heating and ensure even and proper heating. At no point the heating temperature should exceed 250°C. The hot **MasterSeal P 629** should be spread evenly on the primed substrate using stiff bristled brush.

ESTIMATED ATA

MasterSeal P 629 should be applied at a consumption rate of not less than 1 kg per sqm on the sand broadcasted primer surface **MasterTop P 628**.

PACKAGING

MasterSeal P 629 is supplied in 10 kg plastic bags.

PRECAUTIONS

1. Avoid burning while handling the material, please wear shirt with long sleeves, protective mask, protective goggle, gloves and other protective facilities.
2. Please keep the material in dry, cool and dark place.
3. In the event of eye contact, immediately wash eyes with clean water thoroughly, then administer professional medical treatment.
4. In case of skin contact, immediately clean and cool down, then administer professional medical treatment. For other details, please refer to the product's material safety data sheet (MSDS).

MasterSeal[®] P 629

® = registered trademark of a MBCC Group member in many countries of the world

MAP#MasterSeal P 629 v3. 09 2021

STATEMENT OF RESPONSIBILITY

The technical information and application advice given in this Master Builders Solutions publication are based on the present state of our best scientific and practical knowledge. As the information herein is of a general nature, no assumption can be made as to a product's suitability for a particular use or application and no warranty as to its accuracy, reliability, or completeness either expressed or implied is given other than those required by law. The user is responsible for checking the suitability of products for their intended use.

NOTE

Field service where provided does not constitute supervisory responsibility. Suggestions made by Master Builders Solutions either orally or in writing may be followed, modified, or rejected by the owner, engineer or contractor since they, and not Master Builders Solutions, are responsible for carrying out procedures appropriate to a specific application.

MB Solutions Singapore Pte Ltd

1 Harbourfront Avenue #07-07/08
Keppel Bay Tower, Singapore 098632
Tel : +65 6232 4888

www.master-builders-solutions.com/en-asiapacific