

New Technology from Germany (July-2002)

## Underlayment for All Kind, Sport Floor Mastic Base Coat

Applied for Tennis Courts, Baseball Courts, Play Ground Courts,  
& Other Sport Flooring System.

Thickness Applied From 1.00mm until 1.50mm

### PRODUCT DESCRIPTION

**Teni Mastic Base**, is a moisture curing, Polymer Adhesive + Calcium Carbonate + Cement + Silica Sand. This product is former as high abrasion resistance, durable prepolymer elastomer binder/sand filler with excellent adhesion to most commonly available shredded or asphalt premix and concrete surfacing.

### Advantages

Goods for Self-leveling, High Compressive Strength  
High Tensile Strength, High Abrasion Resistance  
No Crack at 10mm Thick, Goods Bonding/Adhesion to Sub-based

### Typical of Properties

Appearance		Polymer Adhesive+Calcium Carbonate+Cement+Silica Sand		
3 Grade of Teni Mastic Base		AF	HPG	RCF
Compressive Strength	at 20 °C	28 N/mm <sup>2</sup>	30.5 N/mm <sup>2</sup>	28 N/mm <sup>2</sup>
Tensile Strength	at 20 °C	14 N/mm <sup>2</sup>	17.5 N/mm <sup>2</sup>	14.5 N/mm <sup>2</sup>
Adhesive/Bond to Concrete	at 20 °C	>1.00 N/mm <sup>2</sup>	>1.60 N/mm <sup>2</sup>	>1.20 N/mm <sup>2</sup>
Abrasion Resistance	at 20 °C	1200 gm/Taber	1200 gm/Taber	1200 gm/Taber
Leveling (500g/m)	at 20 °C	<20 minutes	<20 minutes	<20 minutes
Working Temperatures		>15 °C - 60 °C	>15 °C - 60 °C	>15 °C - 60 °C
Non-Volatiles		15%	92%	28%
Viscosity (Brookfield)	at 20 °C	58000 mPa.s	58000 mPa.s	58000 mPa.s
Specific Gravity (mortar)	at 20 °C	1.6 – 2.2	1.6 – 2.2	1.6 – 2.0
Full Cure	at 20 °C	2 to 24 hours	2 to 24 hours	2 to 24 hours
Color		Grey	Grey	Grey

Packing: 30 kg set (Part A & Part B)

**Surface Preparation**

Using this product for outdoor surfaces should be laid in dry weather, onto dry substrates. This product may be laid on concrete, asphalt or well rolled crushed rock bases. Concrete surface require priming using this product diluted with dry hydrocarbon solvent. This product will adhere directly to asphalt provided it is clean, dry and free from surface oil or water. The asphalt should be aged at least 4-6 weeks before the bidder/rubber mix is applied. On crushed rock surface, testing should be done to establish the suitability of the mat for the application at hand.

**Maxing**

Dry rubber granules, blended with the binder in a force blender or agitator for 3-5 minutes until completely homogenized.

**Application**

Refer to Application Specification Instruction Details.

**Open Time**

The open time of this product when mixed is dependent on temperature, humidity, moisture content of the rubber and a variety of other factors. In general, mixed product without catalyst will remain workable for up to two hours.

Do not attempt to lay the bidder/filler mixture once the mix has been significantly stiffened.

Do not interrupt the coating during cure by further work or traffic as this will lead to cracking in services.

**Clean Up**

Tools & equipment may be cleaned using solvents such as Xylene, Mineral Turpentine or White Spirits while the bidder is uncured. Cured product may be removed by scraping or the use of a strong solvent such as **NMP**.

**STORAGE**

Store in cool, dry place. Under normal conditions (0-35 °C ) a shelf life of 9 months is expected in unopened containers.

**HEALTH AND SAFETY**

Please refer to **LaMaCo System Sdn Bhd Safety Data Sheet**. Also refer to Technical Information (Acrylic Based Compositions: Hazards & Safe Handling Procedures). No Adverse health effects expected if good working practices and proper application equipment are used.

**The General Term & Conditions**

All recommendations for use of our product, whether given by us in writing, verbally, or to be implied from the results of tests carried out by us are based on the current state of our knowledge Notwithstanding any such recommendations the Buyer shall remain responsible for satisfying himself that the products as supplied by us are suitable for this intended process or purpose. Since we cannot control the application, use or processing of the products, we cannot accept responsibility therefore. The Buyer shall ensure that the intended use of the products will not infringe any third party's intellectual property rights. We warrant that our products are free from defects in accordance with and subject to our general conditions of supply.

The above mentioned details Specified key data are individually checked throughout, guarantee, and included in the certificates of Analysis (CoAs). & Typical key data are spot checked, the value are typical for the product and are indicated for information only. The values are not guaranteed or included in the CoAs.

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