

## Colored Master Cap

An advanced waterproofing and coating material designed for roofs and eaves, applied by spraying or brushing.

### Product description

The Colored Master Cap is a high-quality, water-based waterproofing material enhanced with innovative polymers, environmentally friendly.

### Product Uses

Master Cap is intended for waterproofing, restoration, and protection of roofs, eaves, corrugated iron roofs, roofs covered with bituminous membranes, tar-covered roofs, and more.

### Packaging

20 kg pail | 7 kg gallon



### Advantages

- ✓ High strength and flexibility.
- ✓ High durability in harsh environmental conditions.
- ✓ Quick drying and high productivity in a workday.
- ✓ Reduces heat load on the structure.
- ✓ UV resistant.
- ✓ Water-based material, environmentally and user friendly.



# COLORED MASTER CAP

## Technical Specifications

Test type	Test results	Testing techniques
Shade	Colored ointment	
Specific weight	1.4 gr/ml	
Solids percentage	> 65%	
recommended coverage	3.0-4.0 kg/m <sup>2</sup>	
Consumption for obtaining 1 mm dry	1.2-1.6 mm	
Application temperature	>5°C	
Heat resistance	>120°C	ASTM D2939
Elasticity in cold temperature	>-15°C	ASTM D522
Tensile strength, MPa	>-1.0	ASTM D412
Elongation	> 400%	ASTM D412
Standing water resistance	Resistant	ASTM D2939
Resistance to water pressure	0.5 Atm., 24 hours	DIN 52123
Resistance to UV radiation	Resistant	ASTM D4799
adhesion	Excellent adhesion to concrete infrastructure, tiles, bitumen, bituminous membranes, metal and more	ASTM C794

## Method of Use

### Surface Preparation

Before starting work, ensure the roof complies with standard SI 1752 part 1. For light roofs, plan slopes of 4% from the outset. Ensure slopes are correct and directed towards the collectors. Ensure uniform slope without low areas or depressions that could create "bathtubs" in the future. For new roofs, get detailed application recommendations from a waterproofing consultant or manufacturer. For roof restoration and renewal, remove any existing whitewash, loose parts, etc. Repair the existing waterproofing layer, for example, open up blisters and detachments from an existing layer of bituminous membranes, repair them, and reapply them. Ensure the integrity of solar water heaters, solar collectors, and piping on the roof before application and ensure there are no leaks from the various installations on the roof. Cracks - Repair cracks before applying the material after receiving specifications from the manufacturer.

### Foundation layer - Primer

For concrete substrate, smooth concrete, bituminous membranes, and metal, dilute Master Cap in water in a 1:1 ratio and spray a layer of approximately 300 g/m<sup>2</sup>. Wait about two hours for drying, depending on weather conditions. On an existing layer of bituminous membranes, apply an epoxy primer of type XL100.

### Method of application

- ✓ Can be applied using an airless sprayer, brush, roller, or squeegee.
- ✓ Apply a uniform layer over the primer layer at a quantity of 1.5 - 2.0 kg/m<sup>2</sup>.
- ✓ Wait 6-24 hours for drying, depending on weather conditions.
- ✓ Apply a second layer of Master Cap at a quantity of 1.5 - 2.0 kg/m<sup>2</sup>.
- ✓ Final drying time is 1-4 days after application, depending on weather conditions.



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## Method of Use

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### Remarks

- ✓ Master Cap is ready to use, do not dilute except for primer preparation.
- ✓ Do not apply Master Cap in rainy weather or when rain is expected within three days after application.
- ✓ Do not apply Master Cap on lightweight concrete with aggregates.
- ✓ Do not apply Master Cap when ambient temperature is below 5°C.
- ✓ It is recommended to ventilate closed spaces during and after application.
- ✓ Wait 12 days before applying Master Cap on new concrete or tar surfaces.
- ✓ A target test can be performed at least 14 days after application.
- ✓ Store in a cool, shaded place. Do not store at temperatures below 5°C.
- ✓ Clean tools immediately after use with water.
- ✓ Master Cap is non-flammable.

### Safety instructions

- ✓ **Before using the product, you should read the safety instructions and warnings that appear on the product label and the safety data sheet (MSDS) which can be obtained from Pazkar Ltd.**
- ✓ **Not for human consumption.**
- ✓ While working, use personal protective gear (complete protective clothing, appropriate shoes, gloves, face mask).
- ✓ Wash hands with water and soap immediately after use.

**For Safety detailed instructions please refer to Pazkar's safety membranes (MSDS)**

#### Warranty

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