



DESCRIPTION

It is a water-based bitumen emulsion based on bitumen rubber, single component, and it is used as a primer in bituminous waterproofing applications. It can be used as a primer before applying bituminous membrane of any brand, on terraces, wet areas such as balconies and bathrooms, under ceramics, basement and shear walls, under foundations and footings, on metal surfaces in contact with soil, in waterproofing of flower beds, in hot bitumen and parquet bonding, and as a primer on screed boards. It can be applied using a brush, roller, or airless spray gun. It maintains its flexibility even at low air temperatures. It does not contain solvents and is environmentally friendly. It can be applied on dry and slightly damp surfaces. It does not contain chloride

PRODUCT FEATURES	AREAS OF USE
Bitumen rubber-based structure Perfect compatibility with all types of bitumen membranes Can be used on dry and damp surfaces Excellent adhesion strength Maintains flexibility even at low air temperatures Can be applied using brush, roller, or airless spray gun Easy and fast application Solvent free No chloride ions Reduces labor and time costs	It is suitable for use on the following properly prepared surfaces: Reinforced concrete foundation walls Under ceramic applications Tunnels and dams Metal surfaces in contact with soil Priming areas such as flower beds before bituminous waterproofing Ready to use! Please follow the product application instructions. Consult us for all other application surfaces

IMPORTANT NOTICE

Property	Value
Relevant Standard	EN 1504-2
Product Class	Item 1,3
Document Number	007446-TSE-15/01

PACKAGING DETAILS

Plastic bucket 17.00 kg

CLEANING INSTRUCTIONS

- In case of small spills, they must be cleaned immediately with water without allowing them to harden, and all application tools (smoothing gauge, steel trowel, leveling foot, hand mixer) must be cleaned with water.
- More serious spills must be contained and removed with inert absorbent material.
- Contaminated and unusable content must be disposed of according to local and regional regulations.

TECHNICAL INFORMATION

Property	Value
Product System	Waterproof primer
Initial Drying Time	4 – 5 hours (at 20°C)
Full Drying Time	72 hours (at 20°C)
Waiting Time Before Backfilling	3 days
Color	Brown / Black
Density	1.01 ± 0.03 kg/L
Adhesion Strength	≥ 0.80 N/mm ²
pH	≥ 9.5
Chemical Structure	Bitumen rubber
Water Vapor Permeability	Class I
Reaction to Fire	Class E

- Results after 28 days at +23±20 °C and 50±5% relative humidity.

SURFACE PREPARATION

The entire surface area to be applied must be clean, dry, sound, and free from dirt, grease, oils, wax, mold, and other surface contaminants that may negatively affect adhesion performance. The strength, durability and stability of the surface must be checked beforehand. Gaps and moving parts on the surface must be fixed. Before application, the surface must be inspected, and if there are parts that need repair, they must first be repaired using Kar Repair series repair mortar. Waterproofing must begin 3–4 days after the operation. The surface to be insulated must be dry. If there is water accumulation or pooling, it must be removed. If the surface to be applied is dry, it must be moistened and saturated with water. If there are expansion joints, they must first be insulated with corner tapes. If waterproofing is not done at this stage, joint insulation will be more difficult and costly in later stages.

APPLICATION NOTES

Foreign materials such as lime, cement or gypsum must not be added. During application or drying, the ambient and surface temperature must be at least +5°C and at most +30°C. Bitumen primer must not be applied on frozen, thawing surfaces or surfaces exposed to frost within 24 hours. It must not be applied under direct sunlight, strong wind, or on hot surfaces. To prevent airflow in the application environment, the application area and roof must be covered and doors and windows must be kept closed. Only openings that provide healthy air circulation should remain. The application surface must be damp but not wet. If there is continuous water flow to the surface, leaks and flows can be cut using Kar WisoPlug rapid plug. The product must be applied in two coats. The product must not be applied under rain. The product is not resistant to ultraviolet rays, therefore after application it must be covered with materials such as thermal insulation boards, protection boards, geotextile felt, etc. In all applications, the product must never be diluted. After application, surfaces must be protected from direct sunlight, strong wind, and high air temperature (above +35°C). Immediately after application, equipment and hands must be cleaned with plenty of water. Once hardened, it can only be cleaned mechanically. It cannot be applied on continuously wet surfaces. It cannot be applied on loose and dusty surfaces. Resistant to fast drying. Dusty backs (engobes) should be brushed clean. Allow at least 7 days before grout application depending on conditions. Protect from sunlight, strong wind, high temperature (+35°C+), rain, and frost until full cure. Equipment must be cleaned with plenty of water. Rapid setting at high temperatures is normal. Mix only with water at specified ratio. Cannot be applied on permanently wet surfaces. Wear safety clothing, goggles, and masks during application. Do not inhale. In case of eye contact, rinse with plenty of water for 15 minutes and seek medical advice.

APPLICATION INSTRUCTIONS

Before and during application of the product, work clothes must be worn according to occupational health and safety rules, and appropriate goggles and masks must be used. The 17 kg bitumen primer must be mixed well before use. The mixing time must be at least 5 minutes. The mixed and ready-to-apply product is applied to the surface using a hard bristle brush or spraying machines. After the first reaction of the material and drying is completed, the second coat is applied perpendicular to the first coat direction. The waiting time between coats must be at least one hour. After the first coat application, when no mark remains on the finger during manual control, the second coat can be started. The prepared mixture must be used within a maximum of two hours. With occasional stirring, the product or container that has started to harden and expired must not be used. The waiting time before backfilling is 3 days.

PRODUCT LIMITATIONS

- The product does not have acid resistance.
- The product must not be used in areas exposed to extreme heat.
- Do not add water to the product.
- To complete the curing of the product, do not use it below the minimum permitted temperature. Low temperatures slow down setting, while high temperatures accelerate setting. Working time also varies according to temperature.
- The product is not subject to ADR analysis.

CONSUMPTION – SHELF LIFE – STORAGE

- Consumption: It varies depending on surface absorption and application method.
- Shelf Life: Must be stored in its original packaging in a dry environment between +5°C and +35°C. It has a minimum shelf
- life of twelve months in unopened packaging, in a cool, dry and closed place.
- When not in use, the package opening must be tightly closed.

SAFETY & PRECAUTIONS

Warning! Avoid prolonged contact with skin and inhalation of dust, vapors and/or spray mist. Causes eye irritation. Use with adequate ventilation. Ensure fresh air entry during application and drying. If tearing, headache or dizziness occurs, or if air monitoring results show vapor levels exceeding limits, use an appropriate CE-approved respirator during and after application. Do not contact eyes, skin or clothing. Wear chemical goggles or face shield. Wash hands thoroughly after handling. Close the packaging after each use.

FIRST AID

- In case of skin contact, wash thoroughly with warm water and soap.
- In case of eye contact, rinse with plenty of water for 15 minutes and seek immediate
- medical attention.
- If breathing becomes difficult, leave the area and breathe fresh air. If symptoms
- persist, seek medical attention.
- If swallowed, do not induce vomiting and seek medical attention immediately.

WARRANTY & DISCLAIMER

The data in this document are based on our scientific and practical knowledge. Karadeniz Madencilik San. A.Ş. is responsible only for the quality of the product. The company cannot be held responsible for consequences arising from uses not in accordance with written recommendations or due to misuse. The seller shall not be liable, directly or indirectly, for any damages of any kind arising from the sale, transfer or use of the goods sold. This technical document remains valid until a new document is published and invalidates previous editions.

