

## WP-205 Esnek



### Cement-Based, Two-Component Flexible Waterproofing Material

#### Description

A two-component flexible waterproofing material based on cement and acrylic polymer emulsion.

#### Advantages

- High adhesion strength and flexibility.
- Easy to prepare and can be applied by brush or trowel.
- Forms a seamless, joint-free, permanent coating.
- Resistant to temperature variations.
- Suitable for both horizontal and vertical surfaces.
- Can be coated with finishing materials.
- Provides excellent crack-bridging ability.
- Does not crack and forms an elastic coating.

#### Areas of Application

- In wet areas such as bathrooms and toilets.
- On terraces and balconies (must be covered with a finishing layer).
- As a waterproofing layer under ceramic tiles.
- On basements, foundations, and exterior walls of buildings, on both horizontal and vertical surfaces.

#### Surface Preparation

The surface must be clean, moist, smooth, and sound. Remove any adhesion-preventing substances (paint, bitumen, curing compound, oil, etc.). Scrape off mortar or cement residues. Repair surface defects at least 24 hours before application using suitable Hammerfast RM-150 repair mortars. Porous surfaces such as exposed concrete or cement plaster should be moistened before application, but no water pooling should occur.

#### Application

Pour the 20 kg powder component (A) slowly into the 6 kg liquid component (B) while mixing with a low-speed mixer for 3–5 minutes until a homogeneous, lump-free mixture is obtained. After allowing the mixture to rest for 2–3 minutes, remix it briefly before application. Apply at least two coats using a brush or trowel. Each coat should be applied perpendicular to the previous one, with at least 5 hours between coats. Before starting the application, sharp corners should be rounded off by forming fillets using Hammerfast RM-150 T repair mortar. If fillets cannot be made with mortar, Hammerfast Fillet Tape should be used. In cases requiring reinforcement mesh, apply the mesh onto the first coat while still wet and proceed with the next coats after curing.

#### Consumption

Approx. 2,5 kg/m<sup>2</sup> (for two coats).

#### Technical Properties

Color and Appearance	A = Grey powder / B = White liquid
Mixing Ratio	A: 20 kg / B: 6 kg
Type	CM
Mortar Density (A+B)	1.80 ± 0.05 kg/L
Application Thickness	0.75–1.75 mm
Substrate Temperature	+5 °C to +25 °C
Service Temperature	-20 °C to +80 °C
Mechanical Strength Time	2 days
Time to Apply Coating	3 days
Waterproofing Onset	7 days
Water Impermeability (EN 14891 A.7)	No penetration and ≤ 20 g
Resistance to Positive Water Pressure	2 bar
Adhesion Strength	≥ 1.50 N/mm <sup>2</sup> (28 days)
Capillary Water Absorption (TS EN 1062-3)	≤ 0.10 kg/(m <sup>2</sup> ·h <sup>0.5</sup> )
Consumption	~2.5 kg/m <sup>2</sup> (for two coats)

\*These are the values found at 23±2 °C temperature and 50±5% relative humidity.

#### Important Notes

- Apply a protective coating in areas exposed to foot traffic or direct sunlight.
- Protect from sunlight, air currents, and frost for 3 days after application.
- In hot weather, moisten the surface before application.
- Do not exceed the specified application thickness.
- Do not add any foreign materials.
- In wet area applications, moving joints and vertical/horizontal corners must be filleted or reinforced with fillet tape.
- Not suitable for wood, chipboard, or metal surfaces.
- Not to be applied against negative water pressure.



AYK Yapı Kimyasalları San. ve Tic. Ltd. Şti.

Orhaniye Mah. 2076. Sok. No: 4 K.Kazan/Ankara

Tel: +90 313 815 48 15 / Fax: +90 313 815 48 16

E-mail : [info@ayk.com.tr](mailto:info@ayk.com.tr) / Web: [www.ayk.com.tr](http://www.ayk.com.tr)

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### Cement-Based, Two-Component Flexible Waterproofing Material

- Do not apply on frozen, thawing, or frost-risk surfaces within 24 hours.
- Avoid applying under direct sunlight, strong wind, or on hot surfaces. Direkt güneş, kuvvetli rüzgâr altında veya sıcak yüzeylerde uygulanmamalıdır.

#### Storage and Shelf Life

12 months from the production date when stored in original, unopened packaging in dry conditions between +10 °C and +35 °C, protected from direct sunlight. Keep containers tightly closed when not in use. Do not stack pallets on top of each other.

#### Safety Precautions

- Keep out of reach of children.
- Do not eat or swallow.
- Keep away from food products.
- Avoid inhalation and contact with skin.
- May cause allergic reactions.
- In case of eye contact, rinse immediately with plenty of water and seek medical advice.
- Use gloves, goggles, and protective clothing during application.
- Wash hands thoroughly with water after use.
- For detailed information, refer to the Material Safety Data Sheet (MSDS).

#### Packaging

- Powder component: 20 kg kraft bag
- Liquid component: 6 kg plastic can

#### Tool Cleaning

Clean all tools immediately after use with water.

#### Quality Certificates

- TSE
- CE
- ISO 9001
- ISO 14001

