

ARKIM ARSEAL ACRYLIC / 3111 Q2**Definition**

A ready-to-use, super-elastic, single-component waterproofing material based on elastomeric resin.

Application Areas

- On vertical or horizontal surfaces
- On floors and walls of wet areas such as bathrooms, toilets, and balconies
- On reinforced concrete terraces or balcony floors
- On exterior facades of silos, warehouses, and buildings
- In sloped concealed gutters

Application Properties

- Application thickness: 1.5–2 mm
- Waiting time between coats: 3–4 hours
- Touch dry time: 2 hours
- Waiting period before ceramic application: 7 days
- Time to be put into service: 7 days
- Elasticity: 400%
- Can be painted over

Surface Preparation

- Surfaces to be applied must be cleaned of loose layers, dust, dirt, and oil that reduce adhesion. For surfaces that cannot be fully dust-free, screed application is recommended to strengthen the surface.
- Ensure the surface is solid and fully cured.
- If there are surface defects or cracks, they should be repaired with ARKIM ARREPAIR THIN, ARKIM ARREPAIR THICK, or ARKIM ARSEAL ACRYLIC Q2 mixed with fine sand at a 1:4 ratio to form a paste.
- Before application, a primer coat should be applied by diluting ARKIM ARSEAL ACRYLIC Q2 with water at a 1:2 ratio.

Application Conditions

- Ambient temperature: Between +5°C and +30°C
- Do not apply on frozen surfaces, thawing surfaces, or surfaces that may freeze within 24 hours.
- Do not apply under direct sunlight, strong wind, or on hot surfaces.

Warnings and Recommendations

- In wet areas, the product should be applied at a minimum thickness of 1.5 mm under ceramic, screed, etc.
- Do not apply on uncured surfaces.
- Avoid application in very hot weather, under direct sunlight, in strong wind, fog, high humidity, or when rain is expected.
- Follow storage conditions carefully; do not store in damp or very hot environments.
- Use protective gloves, goggles, and clothing during application. Avoid contact with skin and eyes. In case of skin contact, wash with plenty of soap and water. In case of eye contact, rinse with plenty of water and consult a doctor immediately. Keep out of reach of children. Do not ingest. Do not reuse empty containers for drinking water storage.

Application Tools

Brush or plastic roller

Packaging

20 kg plastic bucket

Application Method

- Stir the waterproofing material before application. Apply with a brush or roller in 3 coats horizontally (1–1.25 mm each) and 2 coats vertically (0.75–1 mm each).
- Wait 4 hours between coats, depending on temperature.
- Keep the container closed when not in use.
- For reinforcing wide surfaces, parapet corners, skylights, chimney bases, and crack bridging, apply ARKIM ARSEAL ACRYLIC Q2 together with a special waterproofing mesh after the primer coat.
- Surfaces exposed to pedestrian or load traffic should be covered with protective coatings such as screed or ceramic.

Storage Conditions

- Protect packaging from water, frost, and severe weather conditions. Store on wooden pallets in a cool, dry place.
- Damaged or opened packaging should be resealed immediately and used first.
- Stack no more than 3 buckets on top of each other.
- Shelf life is 12 months from the production date under proper storage conditions. Opened packaging should be tightly sealed and stored appropriately.

Consumption

For a 1.5 mm dry film thickness, apply approximately 1.25–1.5 kg/m².

Performance Data

- Color: White
- Density: 1.2 Kg/L
- Adhesion strength: $\geq 1.0 \text{ N/mm}^2$
- Crack bridging: $\geq 2 \text{ mm (+20}^\circ\text{C)}$, $\geq 1 \text{ mm (-5}^\circ\text{C)}$
- Capillary water absorption: $\leq 0.1 \text{ kg/(m}^2\text{h}^{0.5})$
- Elongation at break: $\geq 400\%$

Note: Application properties are based on tests conducted in laboratory conditions (23 ± 2°C, 50 ± 5% relative humidity, no airflow) and may vary under different conditions. Performance data is tested according to relevant product standards; results may differ in other environments.