CONCRETE & STONE PROTECTION · ACRYLIC

AC 75 1K

One-component acrylic concrete sealer

APPEARANCE
Transparent
clear protective film

28 %	22 s	4–6 h	6 h	0.150–0.200 kg/m²
Solids (by weight)	Viscosity (Ford cup 4)	Drying time (20 °C)	Recoat interval (20 °C)	Consumption

Product description

AC 75 1K is an acrylic resin based, transparent protective coating. It seals concrete, stone and similar surfaces against water, dust and moisture and protects them from atmospheric corrosive effects.

Application areas

- Water, dust and moisture sealing of concrete, stone, travertine, ceramic and similar surfaces – indoors and outdoors
- Protection of concrete and stone structures against atmospheric corrosion
- Water-repellent, UV-protective coat on foundation walls in new and renovation work
- Coating of terrazzo, glass and glass derivatives

Advantages

- Easy to apply
- Does not hold dust or dirt
- Protects against dust, rain and soot
- Fast drying – saves time
- UV resistant
- Easy to clean, antibacterial, dust-free
- Minimises water penetration
- Elastic – does not crack
- Good adhesion to prepared surfaces
- Horizontal and vertical surfaces

Position in the system

Transparent sealer — THIS PRODUCT
AC 75 1K · 2–3 coats

Substrate
Concrete · stone · travertine · ceramic · terrazzo

Surface protection

Clear sealer for mineral surfaces · indoor & outdoor

unica | Boytem
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Technical data (at +20 °C)

Colour	**Transparent**	Full dry (20 °C)	**24 h**
Solids (by weight)	**28 %**	Recoat interval (20 °C)	**6 h**
Viscosity (Ford cup 4)	**22 s**	Pull-off adhesion	**1.7 MPa**
Application temperature	**+15 °C to +35 °C**	Consumption	**0.150–0.200 kg/m²**
Drying time (20 °C)	**4–6 h**	Shelf life	**12 months**

Application procedure

01

Surface preparation

New concrete and cement plaster must cure ≥ 21 days. Remove mortar residues, old paint, dirt and dust by light blasting, scraping or brushing; degrease; neutralise if needed. The surface must be fully dry.

02

Mixing

Mix in a clean container with a low-speed electric mixer (max. 300 rpm) for approx. 3 min until homogeneous.

03

Application

Apply by roller, brush or spray, preferably in 2–3 coats – the first coat forms a very thin film on absorbent surfaces.

04

Recoating

Wait 6 h between coats at 20 °C. Full drying after 24 h.

Application conditions
+10 °C – +30 °C
Never apply in rain or wind. Ventilate indoor applications.

Consumption
0.150–0.200 kg/m²
Theoretical – varies with surface permeability, roughness and system.

Number of coats
2–3 coats
Recommended because the first coat is absorbed.

Important: the product is ready to use – never add thinner. Protect the fresh coating from frost, rain and water contact for at least 24 hours.

Points to consider

- Apply only on even, properly prepared surfaces.
- Sudden temperature drops can make the surface dull or stained – with large day/night differences start and finish early.
- In cold weather bring substrate, material and air to application conditions.
- Stone, ceramic, terrazzo and metal surfaces must be free of oil and dirt.

Packaging

- 3.5 kg or 15 kg tin cans

Storage

- Store unopened in original sealed packaging in cool, dry areas, protected from frost.
- Shelf life: 12 months at +10…+35 °C.

Safety

- Ensure ventilation in enclosed areas.
- See the Safety Data Sheet.

Cleaning

- Clean all tools immediately after use with UP-002 Thinner.

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