FLOOR COVERING ADHESIVES · WATER-BASED ACRYLIC

AD 2550 WB 1K

Multipurpose water-based adhesive for resilient floor coverings

APPEARANCE

Milky creamy paste

dries transparent

0.98 g/cm³	46 %	40–50 min	4–7 h	200–450 g/m²
Specific gravity	Solids (by weight)	Open time	Light traffic	Consumption

Product description

AD 2550 WB 1K is a universal, water-based, transparent acrylic adhesive for many common floor coverings. It can be used for wet bonding on absorbent substrates or as a pressure-sensitive adhesive on impervious substrates.

Product use

- Carpet tiles and sheets
- Rubber pads, acoustic tiles and panels
- Textile and paper coverings and many others

Position in the system

Floor covering
Carpet · rubber · acoustic · textile

Adhesive bed — THIS PRODUCT
AD 2550 WB 1K · 250–450 g/m² (trowel)

Substrate
Dry, level, sound screed / concrete

Resilient flooring installation

Wet or pressure-sensitive bonding

Advantages

- Easy to apply
- Extended open time
- Perfect wetting
- Optimum initial tack
- Very low VOC
- Ready to use

Technical data (at +20 °C)

Appearance	**Milky creamy paste**
Specific gravity (20 °C)	**approx. 0.98 g/cm³**
Solids (by weight)	**46 %**
Waiting time before laying	**15–30 min**
Open time	**40–50 min**
Light traffic	**after 4–7 h**

Fully cured	**24–48 h**
Consumption – V-notched trowel	**approx. 250–450 g/m²**
Consumption – roller	**approx. 200 g/m²**
Substrate moisture	**max. 2–2.5 % (cementitious) · 0.5 % (gypsum)**
Shelf life	**12 months**

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Application procedure

01
Surface preparation
Substrate cured ≥ 21 days, dry, level, sound and free of dust, cracks, paint, wax, oil and gypsum traces. No rising damp – use a vapour barrier where needed.

02
Application
Stir in the bucket and spread with a suitable V-notched trowel; for thin wall or textile coverings a long-nap roller may be used.

03
Wet bonding
On absorbent substrates wait 20–30 min, lay the covering into the wet bed, avoid air pockets and roll or rub down firmly.

04
Pressure-sensitive
On impervious substrates let the film dry to a uniform yellowish-transparent tack (approx. 40–50 min) before laying.

Open time
40–50 min
Shorter at higher temperature and lower humidity.

Consumption
250–450 g/m²
With trowel; approx. 200 g/m² with roller.

Light traffic
after 4–7 h
Fully cured after 24–48 h.

Important: apply only as much adhesive as can be covered within the open time. On non-absorbent substrates apply min. 1 mm. Ventilate closed areas well.

Packaging
- 15 kg plastic cans

Storage
- Store unopened in original packaging in closed, dry areas at +15…+35 °C.
- Shelf life: 12 months from production.
- Protect from sunlight and frost.

Safety
- Non-hazardous when cured; contains no formaldehyde, asbestos, mercury, lead or chromate.
- May cause skin sensitisation – avoid eye and skin contact.
- Wear protective clothing, goggles, gloves and mask.
- See the MSDS.

Cleaning
- Wet adhesive: clean coverings, tools, hands and clothing with tap water.
- Dried adhesive: alcohol or a suitable solvent.

LEGAL NOTE

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