

# Access Floor 270

## BUTYL-DICHTSTOFFE IN PROFILFORM

### TECHNICAL DATA SHEET

#### SMART PRODUCT

- Solvent-free and odorless
- Rapid skin formation
- No blistering
- Very low shrinkage
- A wide adhesion spectrum
- Silicone and isocyanate free
- Good UV resistance
- Good chemical resistance

#### SCOPE

BOSTIK AF 270 is used as support adhesive in the access floor construction.

#### PROPERTIES/ADHESION

BOSTIK AF 270 is a single-component elastic adhesive, based on silane-modified polymers. BOSTIK AF 270 is used as support adhesive in the access floor construction. BOSTIK AF 270 cures with air humidity to form an elastic adhesive. BOSTIK AF 270 is free from solvent and isocyanate.

#### PREPARATION OF BONDING SURFACES

The surfaces to be glued must be solid, capable of bearing loads, clean, grease-free and free of dust. Concrete surfaces should be primed with a dust-binding primer. All contact materials must be compatible with BOSTIK AF 270 in accordance with DIN 52452, Part 1; i.e.. They may neither contain bitumen nor tar. BOSTIK AF 270 can be used without Primer on anodized aluminum, galvanized steel, chromated steel, rigid PVC and polystyrene. On metallic surfaces achieved a significant improvement in adhesion by cleaning of bonding surfaces with cleaner BOSTIK 5001 or wash primer BOSTIK 5004. In the case of plastics, adhesion and compatibility must be tested in each individual case. When using BOSTIK AF 270 on coated surfaces, compatibility should be tested before proceeding further. For example, when applied to acrylic coatings, plasticizer migration can lead to reduced adhesion. BOSTIK AF 270 has no adhesion on polyolefines (eg. PE, PP), polyhalogenolefines (eg. Teflon™) and similar plastics.

#### TECHNISCHE ANGABEN UND DATEN

Material base	Silane polymers, neutral cure
Color	concrete gray
Curing	by humidity
Non-slump properties (DIN 52454-ST-U 26-23)	> 2 mm
Specific gravity (DIN 52451-PY)	appr. 1,6 g/cm <sup>3</sup>
Skin-forming tie (23°C/50% RH. F.)	appr. 30 min
Curing (23°C/50% RH. F.)	appr. 2 mm/24h
Volume change (DIN 52451-PY)	< - 3 %
Modulus at 100 % elongation (2 mm film)	appr. 0,7 N/mm <sup>2</sup>
Yield stress (22 mm film; 28d - 23 °C/50% RH.)	appr. 1,7 N/mm <sup>2</sup>
Elongation at break (2 mm film)	appr. 300%
Tensile shear strength (DIN 281 - oak, 3d - 23°C/50% RH.)	appr. 1,6 N/mm <sup>2</sup>
SHORE A (DIN 53505, 14 d - 23°C/50% RH.)	appr. 45
Temperature resistance	- 40 °C to + 80 °C
Working temperature (part temperature)	+5 °C to +40 °C

## APPLICATION

BOSTIK AF 270 is applied on the on the floor in form of bead. Insert the pillar into the fresh applied adhesive and press down carefully. A slightly humid surface speeds up the curing of the adhesive. BOSTIK AF 270 should be used as soon as possible after breaking the seal on the packaging.

## CLEANING

When still fresh, any contamination from the product can be removed using BOSTIK SOLVENT 250 or BOSTIK SOLVENT 300. These solvents can also be used to degrease the surfaces prior to gluing. When cured, BOSTIK AF 270 can only be removed mechanically (scraping).

## CONSUMPTION

Depending on the thickness of the adhesive and number of pillars.

## STORAGE

Store in a cool, dry place between + 5 °C and + 25 °C. The product can be stored for 12 months when left in the original, unopened packaging.

Mit unseren anwendungstechnischen Empfehlungen in Wort und Schrift wollen wir die Käufer/Verarbeiter aufgrund unserer Versuche und den Erfahrungen der Praxis nach bestem Wissen beraten. Sie können jedoch nur allgemeine Hinweise ohne Eigenschaftszusicherung sein, da wir keinen Einfluss auf die Verarbeitungsbedingungen und die Ausführung der Arbeiten haben. Beratung und Auskunftserteilung begründen kein Rechtsverständnis und keine Nebenverpflichtung aus dem Kaufvertrag. Bei industrieller Produktion empfehlen wir auf jedem Fall ausreichende Praxisversuche. Für die einwandfreie, gleichbleibende Qualität unserer Erzeugnisse übernehmen wir die Gewähr.

Mit dem Erscheinen dieses Datenblattes werden alle früheren Ausgaben ungültig.

Ausgabe: 05.14

### Bostik GmbH

An der Bundesstraße 16 · D-33829 Borgholzhausen

Tel.: +49 5425 801-0 · Fax: +49 5425 801-140

E-Mail: [info.germany@bostik.com](mailto:info.germany@bostik.com)

[www.bostik.de](http://www.bostik.de)

### BOSTIK HOTLINE

Smart help  
+ 49 5425 801-0



### Bostik GmbH

Papierfabrikstraße 1 · A-4600 Wels

Tel.: +43 72 42 5 30 -10 · Fax: +43 72 42 5 30 - 12

E-Mail: [info.austria@bostik.com](mailto:info.austria@bostik.com)

[www.bostik.de](http://www.bostik.de)