

# Stilleryd | HANDSPACKEL 535 H<sup>®</sup>

## PATCHING COMPOUND | 0-12 MM

2020-05-07

**Stilleryd Handspackel 535 H<sup>®</sup>** is a fast-curing fine underlayment for hand application.

### Area of use

Stilleryd Handspackel 535 H<sup>®</sup> is suitable for new production and renovation. The product is intended for indoor use on substrates of concrete, lightweight concrete, ceramics, floor plaster, homogeneous PVC and wood. The product is suitable for rapid repairs of existing floor surfaces.

### Pre-treatment

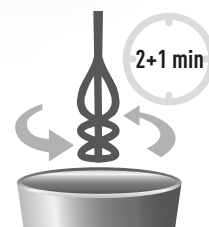
The substrate must be clean and free of dust, cement skin, grease and other contaminants that can prevent adhesion. The adhesion and surface strength of the substrate must not be less than 0.5 MPa. Weak or porous substrates are always primed with Stilleryd Primer<sup>®</sup>. With regard to the film formation of the primer, the temperature of the substrate must not fall below 10 ° C. For best work results, the temperature in the workplace should be between 10–25 ° C. At higher or lower temperatures, the time for curing is shortened and lengthened, respectively. With regard to cracks due to shrinkage and possible settlements, a concrete structure should not be leveled earlier than one month after casting. The guideline value of 90% RH in the construction should be set as the upper limit for leveling work. Use **Stilleryd Form Foam 015/030/050<sup>®</sup>** for edging. Always provide wells with the required seal to avoid clogged sewers.

### Mixing

Mix the dry powder with max 1,8 liter water (max 40 %) per 4,5 kg bag. Mix for 3 minutes with a drilling machine and a whisk to obtain a lump free mix. Product may be refreshed by re-mixing but do not add more water.



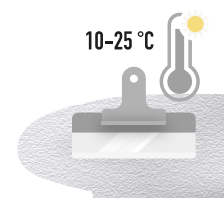
Water requirements  
1,8 l/4,5 kg



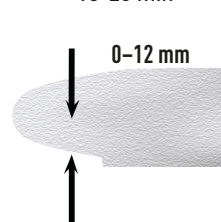
Mixing time 2+1 min



Working time  
15-20 min



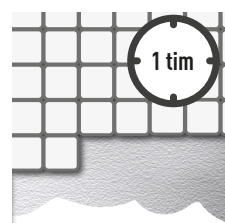
Workplace temperature  
10-25 °C



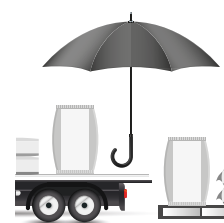
Thickness 0-12 mm



Final set 30-60 min



Coverable (tiles)  
1 hrs



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### Application

Apply the 535 H<sup>®</sup> to substrate with a steel trowel. After initial set, approx. 10–15 min., remove any overlap marks, seams and inconsistencies by scraping with the steel trowel.

### Post-treatment and curing

Protect 535 H<sup>®</sup> from excessive heat or draft conditions during the curing process. Protect for up to 24 hours after completed installation. 535 H<sup>®</sup> can be walked on after 30 minutes. Always make sure that the material is sufficiently dry before it will be covered by a carpet. The 535 H<sup>®</sup> may be covered by a carpet after 1–3 hours. The guiding value assumes a curing temperature of approximately 20 °C, 40 % RH and proper air flow. Newly produced surfaces must be protected against wind, sun and rain.

### Storage time and packaging

Store in a dry environment, on an unopened plastic-coated pallet, six months from the date of production. The date of production is printed on the packaging. 535 H<sup>®</sup> is delivered in 4,5 kg bags.

### Residual products and safety information

Empty bags can be burned. Any remaining, dry powder that has been stored properly can be used again. Hardened material should be disposed of as construction waste. Do not wash the product into the sewage system. The cement in the product has a reduced level of chromate. Follow regulations in each respective country.

### Health, environment, safety and technical service documents

Current documents for the product are available at [www.stilleryd.se](http://www.stilleryd.se). Previously undated and dated editions are not valid. Contact our sales organization for further information.

## Product specifikation

Release of corrosive substances	CT (as per EN 13813)
Compressive strength class	C25 (as per EN 13813)
Flexural strength class	F6 (as per EN 13813)
Fire resistance class	A1 (as per EN 13813)
Adhesion to surface	> 2 MPa (as per EN 13813)
Thickness	0-12 mm / 6-12 mm på letbeton
Grain size	< 70 µm
Material consumption	1.2 kg/m <sup>2</sup> /mm
Weight (dry state)	1200 kg/m <sup>3</sup>
Water requirements	1,8 l/4,5 kg
Workplace temperature	10-25° C
Mixing time	2+1 min
Working time	15-20 min
Final set	30-60 min
Coverable (tiles)	1 hr
Carpetable	1-3 hrs
pH	ca 11
Water damage resistant	yes
Surface Tensile Bond Strength, 28 days (sanded, loaded surface)	> 1,5 MPa
Shrinkage	0,03-0,05 %
TVOC 28 days	< 10 µg/(m <sup>2</sup> h)

This product sheet contains general information. Products can be used in a number of changing conditions and situations. Stilleryd AB is not responsible for the storage, use in construction, processing or design, interactions with other products, required use due to local conditions or other external factors. Stilleryd AB is also not responsible for cases where the above information has been misinterpreted or neglected by the user.

**BYGGVARUBEDÖMNINGEN<sup>™</sup>**



**BASTA**

