

weber sockelbetong

- Mortar specially designed to refurbish concrete bases and similar
- Baseconcrete with high strength, 30MPa

About this product

Baseconcrete is a gray product specially designed to refurbish concrete bases.

Product attributes

- Moist resistance
- High strength

Application characteristics

- Hand applied
- Pumpable

Area of use

Used when polishing concrete bases.

Substrate type

- Concrete

Constraints

- Should not be used in temperatures below +5°C

Pretreatment

The concrete surface must be sandblasted to a rugged surface, where the ballast grains are clearly visible, have a tensile strength of >1.5 MPa and be clean. All loose, cracked and crushed concrete must be removed as well as cement paste, oil, grease, repair concrete, paint, etc. Before application, the surface must be watered to get a good adhesion between the sludge and the substrate. In particularly dry conditions, watering for several days may be necessary. The surface must be free of free water when the sludge is applied. Do not start the work if temperatures below 5°C are expected within the next 24 hours.

Mixing

When mixing by hand, the dry powder is poured from a bag into a bucket of 4.15L of water. Mix for five minutes using a low speed drill with mixer whisk or a concrete mixer to get a homogeneous lump-free use. Let it stand for five minutes, then stir another minute before use.

Work instructions

The product is preferably sprayed onto the selected surface for good adhesion. The first layer should have a thickness of 3-4mm and the second 2-3mm. The mixer and pump should be able to be controlled in terms of capacity and have a sufficiently high maximum capacity to ensure a comfortable working speed. If a brush or roller is used on small surfaces, the primer sludge must be incorporated well into the surface to ensure good adhesion.

After-treatment

Use water for aftercuring and cover with plastic sheets if necessary.

Product specification

Recommended water content	approx 3,2 L / 20 kg (16%)
Mixed volume	approx 11 L / 20 kg
Application temperature	> +5 °C
Open time	approx 40min
Consistency	Thixotropic according to SS- EN 1015-3
Ballast	Natural gravel/sand 0-1mm
Adhesion strength	>2 MPa against concrete
Compressive strength 1 day	>5 MPa according to EN 12390-3
Compressive strength 3 days	>15 MPa according to EN 12390-3
Compressive strength 7 days	>20 MPa according to EN 12390-3
Compressive strength 28 days	>35 MPa according to EN 12390-3. For accredited strength testing report at 28 days, contact Weber.
Flexural strength 1 day	> 1 MPa
Flexural strength 7 days	> 4 MPa
Flexural strength 28 days	>6 MPa
Exposure class	X0, XC4, XF3 according to EN206-1
Frost resistance	Yes, XF3 according to SS 13 72 44 (non salt environment)
Modulus of elasticity	>15 Gpa according to EN 13412
Storage conditions	Storage time for bags on a plastic-covered pallet is approx. 12 months from date of packing. Store in a dry place.
Package	20 kg bag

Safety regulation

Always read the applicable safety data sheets, use personal protective equipment and follow the workplace safety regulations.

Recycling

Please visit your local weber website to find information on waste material and packagings.

Disclaimer

As there are different conditions at every opportunity, Weber can not be held responsible for anything other than the information provided under the heading "Product Specification". Examples of information and circumstances, which are outside Saint-Gobain (whether specifically stated or not) include storage, construction, processing, interoperability with other products, workmanship and local conditions.