

# DATA SHEET

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## COMPATEX

### Applications

Admixture for cement-bound industrial flooring  
Increases strength for heavy duty flooring.

### Properties

Compatex acts chemically and significantly promotes the formation of good quality cement paste. Less water is required. High density industrial flooring and screed mortar is produced with increased compressive strength and bending tensile strength coupled with greater wear resistance.

The newly laid industrial flooring has to be protected from drying out too quickly as this would adversely affect strength.

Compatex substantially increases adhesion to old concrete. It can therefore also be used as a bonding bridge.

### Technical data

#### How to use:

The substrate must be load-bearing. Loose parts and cement laitance must be removed carefully. Roughen smooth surfaces. Wet raw screed completely and evenly 24 hours before application. Prior wetting of the raw screed is an important part of the process and contributes substantially to good adhesion.

#### As a screed admixture:

Sand grain 0-8 50% 0-4 mm  
50% 4-8 mm  
Cement/sand ratio: 1:3 per pbw (parts by weight);

38-40 shovels of sand (approx. 200 l)  
2 x 25 kg bags of CEM I cement (DIN 1164)  
2.5 litres of Compatex = 5% of cement weight for ZE 30  
Earth-moist mixture  
Newly laid industrial flooring will be ready for traffic and load bearing after 14 days

#### As a bonding bridge:

Choose the finest sand available  
Cement/sand ratio: 1:1 per pbw (parts by weight);  
Compatex dilute 1:1 with water.  
Produce wet cement sludge from this.  
The bonding bridge must not dry. Therefore only produce the quantity of bonding bridge that can be distributed over a pre-wetted floor with a coarse broom or similar, and covered quickly, wet-on-wet, with screed.  
Avoid puddle formation.

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