weber dry-mix 85 pumpbar

- Quick-drying concrete
- Can be used for most casting operations
- Good choice where quick dry-out is necessary
- Available in two variants, pumpable / batch mix
- RF ≤ 85% after 3-7 days

About this product

Dry-Mix 85 is a dry concrete available in two variants, one is for mixer pump (pumpable) and one for batch mix. This dry concrete is only mixed with clean water to obtain a ready-mixed concrete mass with high strength and a quick dry-out. The drying time down to 90% RH is normally 2 days and down to 85% 3-7 days. The compressive strength after 28 days is about 30 MPa.

Area of use

Dry-Mix 85 is used for concrete coating and casting work. The concrete is intended for use in layer thicknesses of 40–300mm. The concrete is very suitable as a filling and coarseleveling in connection with bathrooms, but also as a joint filling concrete or element bonding where rapid drying is desirable. To ensure the best results and ensure an alkalinity barrier, the concrete surface should be coated with a self-drying or normal-drying leveling compound i.e (weberfloor 120 Reno or weberfloor 140 Nova).

Substrate type

- Concrete
- Insulation
- Lightweight concrete
- Mineral
- Leca system of joists

Mixing

Dry-Mix 85 pumpable is machine-mixed in one of webers mixing pumps, for example DUO-MIX 2000. Adjust the amount of water to achieve the correct consistency. The prevalence dimension should be 100-120mm with Ø50x45 mm ring or 110-130 mm with ring Ø68x35 mm.

Work instructions

Casting against existing concrete substrate: Clean the substrate well. A rough or milled surface provides the best adhesion. Always primer the substrate before csating with Floor 4716 diluted 1: 5 (primer: water) to prevent suction of the water from the fresh concrete. The concrete is poured batchwise or pumped out over the substrate. In connection with the casting, the concrete is compressed with rake etc. The concrete has an opening time of 20-30 minutes. After casting, the surface should be protected against rapid drying with Floor 4716 diluted 1: 3 as soon as it is walkable. The casting can also be done without adhesion to the substrate, ie. floating floor. Then the concrete must be reinforced steel mesh and special care must be taken in the post-curing to prevent edgeraising due to shrinkage and cracking. The layer thickness should not be less than 60mm. For surfaces ≥ 10m², the concrete must always be reinforced. Leveling compound can be applied to the quick-drying concrete after 1-3 days.

Product specification	
Material consumption	80 kg concrete/m2 at 40 mm layerheight
Recommended layer thickness	40-300mm
Layer thickness in floating constructions	60-300mm in floating construction
Recommended water content	approx 13 %
Mixed volume	approx 10 L / 20 kg bag
Pot life (Operating time)	approx 30min
Curing time for pedestrian traffic	approx 4 hours
Binder	Cem I 52,5 R (Portlandcement)
Aggregate	Natural gravel/sand 0-4mm
Compressive strength 1 day	>10 MPa according to EN 12390-3
Compressive strength 3 days	>30 MPa according to EN 12390-3
Compressive strength 7 days	>35 MPa according to EN 12390-3
Compressive strength 28 days	>40 MPa according to EN 12390-3. For accredited strength testing report at 28 days, contact Weber.
Exposure class	X0, XC4, XF2, XA1 according to EN 206-1
Frost resistance	Yes, XF2 according to SS 13 72 44 (non salt environment)
Waterproof	Yes, according to SS 137214
Air content	10-15 %
Water cement ratio	approx 0,33
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 1000 kg bigbag Bulk

Please observe

At a temperature lower than + 5 ° C, the strength growth stops. Also consider castings against cold concrete surfaces. The concrete must not be exposed to frost before the strength of 5MPa is reached, normally after 1-3 days.

Recycling

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

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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.

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Please find contact information
on your local Weber website.

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