

Trass-cement concrete in a self-dissolving bag

C12/15 X0 acc. EN 206 / DIN 1045-2
(Mixed without paper bag)

- with reduced cement content
- universal use



APPLICATIONS

- for laying kerbstones, block steps, palisades and concrete components
- for many applications in gardening and landscaping
- Concrete according to standard (mixing without paper bag)
- for non-DIN-relevant concrete work in gardening and landscaping (mixing also possible with paper bag)
- for concreting fence posts, signs and playground equipment
- for smaller concreting jobs, e.g. backfilling

PROPERTIES

- in a self-dissolving bag
- versatile use
- high stability
- weather and frost resistant after hardening
- good workability
- low efflorescence risk due to Rhenish trass

COMPOSITION

- cement in accordance with DIN EN 197-1
- trass in accordance with DIN 51043
- graded stone aggregates in accordance with DIN 13139

SUBSTRATE

Properties/tests	■ The subsurface must be dry, load-bearing, clean, frost-free and suitable for the application of mortar.
Pretreatment	■ Pre-wet substrate thoroughly, but prevent puddles from forming.

PROCESSING

Temperature	<ul style="list-style-type: none"> Do not process or allow to dry out at air, material or substrate temperatures below +5°C, or if there is a risk of exposure to night frost, or at temperatures above +30°C, or in direct sunlight, or on heated up surfaces, and/or in windy conditions.
Mixing / Preparation / Processing	<ul style="list-style-type: none"> The product can be mixed with or without a paper bag. Mix dry mortar with or without paper sack in a free-fall or forced action mixer with clean water for at least 4 minutes to ensure the right consistency. Before starting the mixing process, wet the paper sack completely with water in the mixer. When mixing by hand, do not mix more than one container, first add a little water to the mixing vessel, then insert the paper bag and wet completely with water. Observe the amount of water specified in the technical data. Use clean tap water. use a suitable agitator to mix the material until smooth and free of lumps. Leave to rest for a moment and then mix again, adding more water, if required, to achieve the right consistency for applying. Do not mix with other products and/or other substances. Mix dry mortar to the right consistency with clean water in a continuous, drum or compulsory mixer. Small pieces of paper can be pressed into the concrete.
Processing	<ul style="list-style-type: none"> The material is suitable only for processing by hand.
Processing / Working time	<ul style="list-style-type: none"> Approx. 2 hours at 20°C and 65% relative air humidity
Drying / Hardening	<ul style="list-style-type: none"> Protect the fresh mortar from drying out too quickly and from unfavourable weather conditions such as frost, draughts, direct sunlight and direct exposure to driving rain if necessary by hanging with foil.
Cleaning the tools	<ul style="list-style-type: none"> Clean all tools and equipment with water immediately after use.

PACKAGING

- 25 kg/sack
- loose in silo

STORAGE

- Store sacks appropriately and in dry conditions on pallets.
- can be stored in sealed original container/bag for at least 6 months from manufacturing date

QUANTITY REQUIRED / YIELD

- consumption: depending on application
- yield: app. 12-16 l fresh mortar per 25 kg/sack

TECHNICAL DATA

Technical specification	EN 206 / DIN 1045-2
Compressive strength (class)	C12/15
Grain	0 – 8 mm
Exposure classes	X0
Consistency class	F1
Water requirement	approx. 2.5 - 3.0 l per 25 kg/sack
Mixing time	approx. 4 – 6 minutes

All data are average values that were determined under laboratory conditions according to relevant test standards and application tests. Deviations are possible under practical conditions.

SAFETY AND DISPOSAL INSTRUCTIONS

Safety	<ul style="list-style-type: none"> ■ This product produces an alkaline reaction when it comes into contact with moisture/water. Therefore ensure that skin and eyes are protected. If it should come into contact with the skin or eyes, rinse them thoroughly with water. See a doctor immediately if it comes into contact with the eyes. ■ Follow further instructions in the safety data sheet.
GISCODE	<ul style="list-style-type: none"> ■ ZP1 (products containing cement, low-chromate)
Disposal	<ul style="list-style-type: none"> ■ Completely empty and recycle the packaging. ■ Dispose of the material in accordance with the official regulations. ■ Dispose of hardened product in accordance with the local regulations. Do not allow to enter the sewer system. Dispose of the hardened product in the same way as concrete waste and slurries. Waste code according to the Ordinance on the European Waste Catalogue depending on the origin: 17 01 01 (concrete) or 10 13 14 (concreteste and concrete slurries).

GENERAL INFORMATION

This information sheet provides only general recommendations. Should you have any queries relating to a specific application, please contact our technical sales advisor or call our hotline: +49 541 601-601. Since natural raw materials are used, the values and properties described may vary somewhat. All of the details given are based on our current knowledge and experience and on the assumption that the materials are professionally applied and used for their normal purpose. All of the details are non-binding and do not release users from their duty to undertake their own tests to ensure suitability for the intended application. Due to the effects of different weather, processing and construction site conditions, no guarantee can be given for the general validity of all details. We reserve the right to make changes as a result of further development of the product and applications engineering. The general rules for construction engineering, the valid standards and guidelines, and the technical working guidelines must be observed. The publication of this technical data sheet renders all previous editions of this data sheet void. Please obtain the latest information from our website.