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## **PRESS RELEASE**

### **Lightweight and strong with Poraver**

The first do-it-yourself lightweight concrete for statically relevant applications.

BETONVER 1500 is based on a combination of quartzous aggregate and Poraver, the mineral lightweight aggregate. Due to its high grain strength at low density, a lightweight concrete is produced with a low specific weight of about 1500 kg/m<sup>3</sup> and a compressive strength of 33 N/mm<sup>2</sup>. The elastic modulus of BETONVER 1500 is 25,000 N/mm<sup>2</sup>, similar to that of conventional concretes and impact positively the planning and dimensioning of structural parts.

The premix has already been pre-dosed in a patented and recyclable 2-chamber polyethylene bag. Thus mixing is a cinch even for non-professionals possible errors in the dosage of aggregate and binder cannot happen. Due to Poraver, BETONVER is acoustic and heat insulating and its light weight makes it practical in handling and storage.

BETONVER 1500 with its divers properties meets different design requirements and is ideal for use as load-bearing fill with a low layer thickness in old building ceilings crafted out of wood, iron or brick-cement, in lightweight structures, and (exposed concrete) prefabricated parts.

BETONVER 1500 is blended using traditional machinery and tools with suitable mixing water and installed like "ordinary" concrete. During the mixing process the dust formation is significantly reduced due to the already pre-moistened aggregate. Depending on the water-cement ratio, the consistency (consistency class S4 and S5) can be regulated so that the fresh concrete can also be pumped.

BETONVER 1500 is manufactured to industry standards, in compliance with the requirements of UNI EN 206-1, so that any complaints because of lack of conformity are covered.

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**Graphics and Captions:**



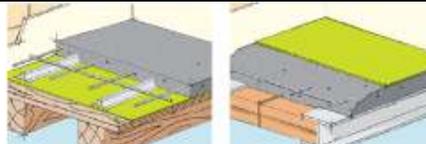
The use of BETONVER 1500 is guaranteed due to Po-raver: lightweight, strong and ecological. The lightweight concrete is delivered in recyclable polyethylene bags.

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Photo: Grass Calce S.p.A.*



BETONVER 1500 has a low net weight with high compressive strength and normal elasticity modulus, so that load-bearing concrete components can be slimmer dimensioned.

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Photo: Grass Calce S.p.A.*



Installation examples in old and new buildings, with statically relevant area components and for the manufacture of load-distributing fills with lower layer thickness.

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Graphics: grass Calce S.p.A.*



What makes the lightweight aggregate Poraver so desirable?

Poraver is the environmentally distinguished lightweight aggregate made from 100% recycled glass. It is produced through a special process. The spherical granulate comes in particle free quality and is used in diameters from microscopic 0.04 to 16 mm that enhances effectively a vari-



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ety of branded products for dry mortar manufacturers and within the construction chemicals industry.

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**All designs are available in print quality and may be downloaded at [www.pr-club.creativ-pr.de](http://www.pr-club.creativ-pr.de), menu item: Poraver.**

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**Media cooperation:**

Poraver endeavors to establish stimulating marketing partnerships with our clients. Therefore Poraver supports if required the media in the area of advertisements and/or backs up printing efforts. A possible ad motive is shown below.



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