

PRESS INFORMATION

Rotec introduces three new products at the European Coatings Show 2011

Rotec GmbH & Co. KG is also appearing for the first time at this year's European Coatings Show.

In hall 8, stand 8-619 three natural siliceous light weight aggregates will be exhibited: ROTOCELL, ROTOCELL PLUS and ROTOBASE.

ROTOCELL PLUS and ROTOBASE celebrate their premiere at the European Coatings Show 2011 and are going to be introduced for the first time to the professional public.

ROTOCELL PLUS was developed together with Evonik Goldschmidt Ltd. Through a jointly developed finishing process the natural light weight aggregate is processed to a hydrophobic high tech-granulate. The hydrophobic process opens up an array of product and process advantages which significantly increase energy efficiency and the sustainability of end products and applications.

Both siliceous light weight aggregates ROTOCELL and ROTOCELL PLUS bring decisive advantages together. These positive qualities decisively improve the respective end products and simplify the manufacturing and processing methods:

- Very low weight
- High pressure resistance
- Excellent insulation
- Controllable water absorption
- High spreading
- Optimal processing properties
- Permanently stable
- Exceptional acoustic absorption
- Non flammable
- 100 % mineral
- Solvent free
- Odorless
- 100 % recyclable

The special Product properties predestine ROTOCELL and ROTOCELL PLUS as a light weight aggregate to be used for a large number of building materials and construction products:

- Interior and exterior plaster
- Paints and undercoats
- Mortar



- Fine concrete
- Chemical building products
- Facing tiles
- Light building panels
- Fire and acoustic panels
- Insulating products
- Filling
- Plastics
- Oil absorbers
- Water filters

ROTOBASE is the innovative additive for all cement and lime-bound building materials.

This additive was made by a special sieving technology and the preparation process was developed by ROTEC.

ROTOBASE reacts with calcium hydroxide which is released through the hydration of the cement and forms cementitious C-S-H phases (calcium silicate hydrate). ROTOBASE thereby improves the properties of all mineral building materials like plaster, mortar, cement, tile adhesive and other products of the building chemical industry.

Graphics, captions:



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File name: ROTEC ECS Messestand

Graphic: R O T E C GmbH & Co. KG



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File name: ROTEC_PYRAMIDE
Graphic: R O T E C GmbH & Co. KG



The natural siliceous light weight aggregate reveals its uniqueness under the microscope.

File names:
ROTEC_REM_02_SW; ROTEC_REM_01_SW
Photos: R O T E C GmbH & Co. KG



Siliceous light weight aggregates from Rotec have been successfully tested for a high number of various uses and applications.

File names:
ROTEC_PUTZ; ROTEC_KLEBER; ROTEC_MOERTEL;
ROTEC_BETON; ROTEC_WÄRMEBILD; RO-
TEC_WASSERFILTER; ROTEC_SCHWEISSEN; RO-
TEC_LAMBORGHINI
Photos, graphics: R O T E C GmbH & Co.

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schmidt GmbH, high tech granulate, hydrophobic process, siliceous light weight aggregates, hydration, calcium hydroxide, C-S-H phases, calcium silicate hydrate.

All motives are available in print quality.
The graphic files and word document can be downloaded at www.pr-club-online.eu, Menu: **ROTEC.**

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