Press release

Developed for the manufacture of precast concrete parts: new assembly adhesives from Jowat

Detmold, September 05, 2017 – Jowat introduces two new hot melt adhesives based on polyolefin (PO) which have been developed especially for the manufacture of precast concrete parts. The new products Jowatherm® 233.10 and Jowatherm® 233.20 are characterised by a very good adhesion to different materials, a fast build-up of strength, and are relatively easy to remove.

Jowat expands the range of assembly adhesives with two hot melts which have been developed to meet the requirements in the manufacture of precast concrete parts. The new Jowatherm® 233.10 und 233.20 are characterised by a broad spectrum of adhesion and therefore support the bonding of formwork elements made from different materials, for instance various plastics (PE, PP or PU) as well as wood-based substrates and metallic surfaces such as sheet steel. The fast build-up of strength of the PO-based hot melts facilitates a fast manufacturing process and the concrete can be poured already into the forms a few minutes after bonding. In addition, the adhesives are resistant to vibrations and provide a flexible bondline with high strength values, which absorbs the vibrations when the concrete is compacted with plate vibrators and keeps the formwork elements in place.

Another advantage is the special formulation of the PO hot melts with a purely physical adhesion mechanism that facilitates a relatively easy removal of the adhesive from the formwork elements. This provides a major benefit especially in the manufacture of béton brut and in applications where the formworks are reused for the casting of concrete parts.

Due to the different open times of the two adhesives Jowatherm® 233.10 and 233.20, they are designed for lower and for higher ambient temperatures respectively. They are supplied in standard size units, in granulate or block form as well as in cartridges, and can be processed and applied properly with the existing equipment.

www.jowat.com

The following photos are available:

Date

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Further information

Jowat Klebstoffe

Press release

Photo 1:
Caption: “The new assembly adhesives from Jowat facilitate a reliable bonding of formwork elements made of wood to steel sheating.”
Source: Jowat SE

Photo 2:
Caption: “The new Jowatherm® 233.10 in granulate form.”
Source: Jowat SE

Introducing Jowat
Jowat SE with headquarters in Detmold is one of the leading suppliers of industrial adhesives. These are mainly used in the woodworking and furniture manufacture, in the paper and packaging industry, for graphic arts, in the textile, automotive as well as in the electrical industry. The company was founded in 1919 and has manufacturing sites in Germany in Detmold and Elsteraue, plus four other producing subsidiaries, Jowat Corporation in the USA, Jowat Swiss AG, Jowat Manufacturing in Malaysia, and the Jowat Universal Adhesives Australia Pty. Ltd. in Australia. The supplier of all adhesive groups is manufacturing over 77,000 tons of adhesives per year, with over 1,000 employees. A global sales structure with 21 subsidiaries plus partner companies is guaranteeing local service with close customer contact.

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