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POLITERM BLU, A BIG SUCCES IN NORWAY

Norway is worldwide famous for its wild and almost uncontaminated environment and for the love and respect that Norwegian people has for the environment in which they are living. That explains why the success obtained by Politerm Blu, product of Edilteco Group for the preparation of lightweight and thermal insulating mortars is really a big success! We are near Drammen, a small town, only 40 km far from Oslo and which is located in the homonymous fjord. The Drammenfjord, an Oslo fjord branch, is the major Norwegian port for fruit and cars import and it is easy to imagine that it has a big influence on the Norwegian town climate. The fjord presence, together with an harsh climate, implies typologies and building techniques that put at first place thermal insulation and living comfort. Starting from spring 2009 the building company VS Elements together with Tvinx (Edilteco partner in Norway) started working to realize a house composed by ground floor and first floor. The house is characterized by the realization of pre-batched boards â€“ produced directly from VS Elements â€“ made with concrete at 250 kg/cubic meter and Politerm Blu. The boards with fixed thickness of 35 cm have been made in several measures; the largest one was 7 x 2,40 m. The presence of Politerm Blu inside the pre-batched board allowed to realize a board to be able to guarantee a perfect â€“ and stable in time â€“ thermal insulation of the whole house. Once the pre-batched board have been laid, it has been only necessary to proceed with the indoor and outdoor finishing works, without using any other thermal insulating material. Politerm Blu is a superlight and highly insulating aggregate composed of virgin expanded polystyrene beads with a grain-size in curve (Ã¸ 3 > 6 mm.), controlled density, mixed bead by bead with E.I.A. additive in the production phase, which allows the perfect mixing with water binding, the homogeneous distribution in the mix and its perfect pumping; eliminating the bead surfacing phenomenon. After the excellent result reached with the first house, whose works started in spring 2009 and ended in the end summer of the same year, are already planned other similar realization for the whole 2010.