



## **ELOTEX® FX2380**

REDISPERSIBLE POLYMER POWDER FOR HIGH QUALITY  
EXTERNAL THERMAL INSULATION COMPOSITES SYSTEMS

# EXPERIENCE THE DIFFERENCE

ELOTEX® FX2380 is a highly flexible redispersible polymer powder (RPP) based on copolymer of vinyl acetate and ethylene. It has been specifically developed for use in high quality External Thermal Insulation Composites System (ETICS) applications.

High quality ETICS systems are characterized by high polymer powder loading. They have been developed in direct response to increasing impact damage (as a result of hail storms for example) seen with commonly used ETICS systems containing 2% or less of polymer powder. Although the impact resistance can be easily enhanced by increasing the polymer powder dosage, there are specific challenges relating to increased polymer powder dosage:

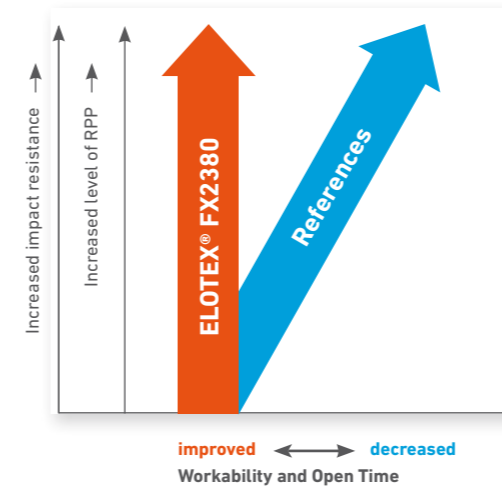
- Workability of the fresh mortar degrades with the increasing RPP dosage
- Machine application, troweling and mesh embedding are all negatively impacted by high RPP dosage
- Open time decreases with increasing RPP dosage



ELOTEX® FX2380 provides improved workability (machine application, troweling, mesh embedding) and Open Time properties for the formulation of high performing base coats for ETICS.

ETICS composite mortar formulation (including glass fiber mesh) with 4 to 6 % of ELOTEX® FX2380 secures:

- Façade surface from impact damages
- Excellent workability of the fresh mortar
- Good open time and troweling properties
- Possibility to machine apply the base coat



In our estimates, by reducing the impact damage and extending the lifetime of the façade (lowering the need for renovation), the total cost of ETICS system installation remains more or less unchanged in comparison with the installation and renovation cost of basic ETICS systems containing 2% or less of RPP.

Decreased need for renovation, increased durability and lifetime also translate to sustainability benefits of lower material consumption. Adding to the sustainability advantages of ELOTEX® FX2380 are facts that our new product is:

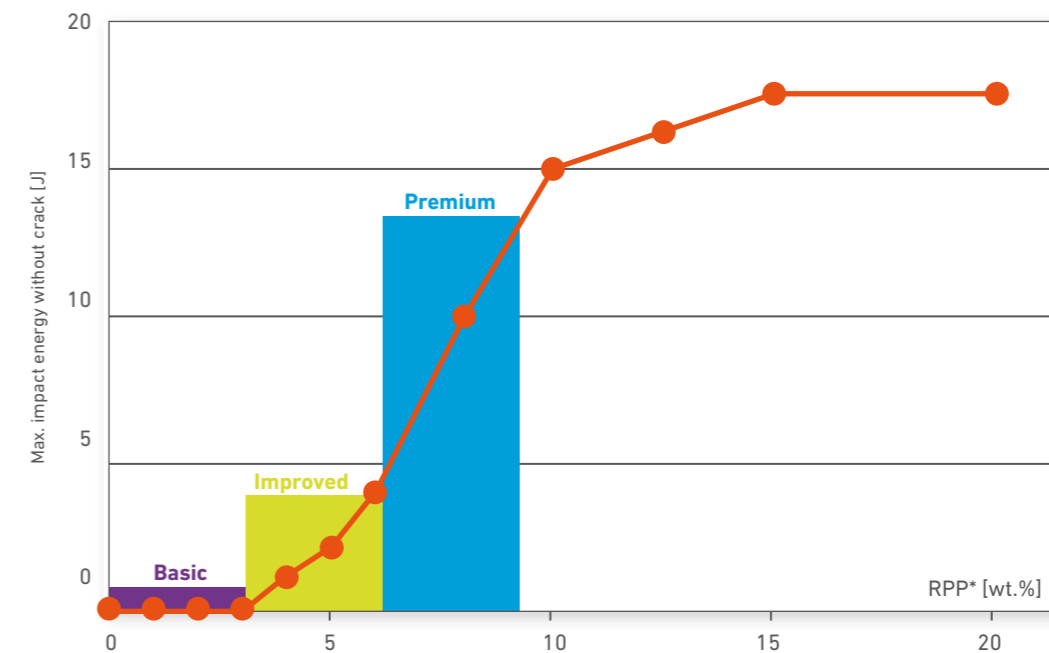
- Formaldehyde free with extremely low VOC emissions
- Allows our customers to formulate according to \*EMICODE® EC1<sup>PLUS</sup> requirements

Main application for ELOTEX® FX2380:

- ETICS adhesive and base coat render

Further applications:

- Standard tile adhesives
- Renders and plasters
- Repair mortars



\* RPP = redispersible polymer powder

Only full members of the GEV may label their products with EMICODE® seal after fulfilling certain conditions and testing.

EMICODE® EC2, EC1 and EC1<sup>PLUS</sup> are registered trademarks of GEV. Note that the VOC emissions of the final dry mortar are impacted by formulation ingredients other than only redispersible polymer powder.



**REDISPERSIBLE POLYMER POWDER**  
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