

## SPECIAL MD FAÇADES (EXPANDED INSULATION CORK)

## Technical Characteristics

- Density: $140 / 160 \mathrm{Kgs} / \mathrm{m} 3$
- Thermal conductivity: 0,040 / 0,042 W/mk
- Resistance at $10 \%$ : compression 180 Kpa
- Water absorption by partial immersion: $0,30 \mathrm{Wp}(\mathrm{Kg} / \mathrm{m} 2)$
- These test results as per EN 13170


## Advantages

- Natural and renewable raw material
- Industrial process $100 \%$ natural ... without additives
- Very good thermal and acoustical insulation
- Working temperatures between (-) $180^{\circ} \mathrm{C}$ and $(+) 120^{\circ} \mathrm{C}$
- Totally recycled

Special MD Façades was developed by AMORIM ISOLAMENTOS, S.A., and recommended for exterior wall at sight without any kind of treatment.

## REVETMENT - NATURAL VIEW (landscapes framing) SUSTAINABLE INSULATION

First application (World exhibition Hannover 2000) Architects Álvaro Siza and Souto Moura, and now as a building reference in Coimbra (Portuguese pavilion) since May of 2002, without any kind of technical problem, reason why Amorim Isolamentos, S.A. is able to assume guarantee of 10 years.

Other building reference with MD Façade: Cork House (Architects Anónimos) - Eco Cabana (Arch. Barbini) Wine cellar Logodega (Arch. PMC) - Port Wine cellar Quinta do Portal (Arch. Álvaro Siza) - School "Colégio Pedro Arrupe" (GJP Arch.) and recently Expo 2010 Shanghai (Arch. Carlos Couto)

About MD Façade application: mechanically (screw) or adhesive glue with water proofing characteristics.

