



TOTAL

COMMITTED TO BETTER ENERGY



ALTEK ECO²B

THE NEW ALTERNATIVE TO OXIDISED BITUMENS
FOR HOT-SEALING DEDICATED TO WATERPROOF
MEMBRANES FOR ROOFING.

BEST PERFORMANCE VALUE

Constantly listening to the needs of the Waterproofing Industry,

Total has developed and launched **ALTEK ECO²B**

A technical innovation answering the challenges for the modern waterproofing contractor.

ALTEK[®] ECO²B is a high-tech bituminous solution. It is often used as a hot bituminous binder for bonding insulating material, waterproofing membranes and cellular glassfibre.

ADVANTAGES OF ALTEK[®] ECO²B :

- Application temperature is 70°C lower than oxidised bitumen
- Easy laying and workable
- Reduced installation times (preparation and cooling).

REDUCED APPLICATION TEMPERATURE : **160°C**

- Reduced working temperature range (40°C to 70°C) compared to oxidised bitumen
- Low viscosity for improved workability
- Reduced energy consumption
- Improved working environment for installation teams

FOR MORE EFFECTIVE BONDING :

- Technical validation of ALTEK[®] ECO²B ensures:
- Superior surface bonding strength
 - Enhanced adhesion characteristics

VISIBLY REDUCED EMISSIONS :

- Unrivalled comfort for installation teams
- Reduced client disruption

REDUCTION IN COSTS, ALTEK[®] ECO²B PROVIDES :

- Faster installation times - more productivity
- Reduced energy consumption - more savings
- Class-leading innovation

OPTIMUM AMBIENT STABILITY :

- Storage
- In-transit

ZERO WASTE :

- Market leading low-melt packaging
- Improved on-site cleanliness
- No packaging disposal costs

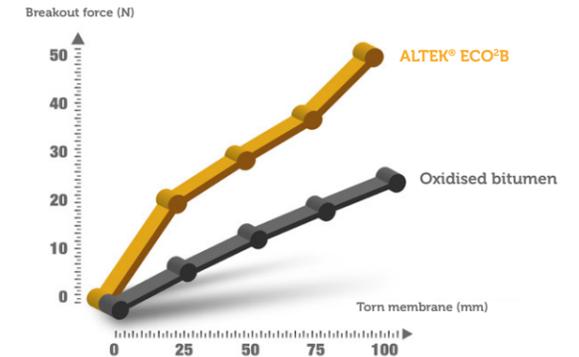


Innovative hi-tech alternative to high temperature oxidised sealing bitumens

Total has redefined quality and performance standards. Total's world class R&D answers the evolving needs of the waterproofing industry.

ALTEK[®] ECO²B provides:

- Enhanced performance
- Lower application temperatures
- Improved installation efficiency
- Reduced energy consumption



A waterproof membrane adheres more strongly ALTEK[®] ECO²B when applied to an aluminium surface offers improved adhesion in comparison to oxidised bitumen.

In order to benefit fully from the product's bonding properties, an application temperature of 160°C +/-10°C is recommended.

For more information, please consult our website:
www.bitumen.total.com



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