

ALTEK® ECO²B

ALTEK® ECO²B is bitumen from direct distillation with activation, in blocks packed with a thermofused film. It is often used as a binder for bonding insulating materials under hot temperatures (cellular glass fiber) and waterproofing membranes, for insulation and waterproof treatment of industrial buildings' roofs. After the bloc liquefaction in a regulated temperature kettle, the material is ready to use for bonding operations. Compared to oxidized bitumen use for the same bonding insulating properties, ALTEK® ECO²B brings higher performances such as enhanced adhesion characteristics and optimum creep resistance, better storage stability during summer weather, and better comfort for the installation teams.



ALTEK® ECO²B was developed for an optimal application handling at a melting **temperature 70°C lower** than the one usually fixed for oxidized bitumen in standard conditions (temperature > 220°C and non-regulated temperature kettles). Moreover, the thermofused packaging film improves on-site waste management.

The Environmental Performance



Between **13%**⁽¹⁾ and **32%**⁽²⁾

reduction in greenhouse gases emission on the whole life cycle and **between 36%**⁽¹⁾ and **58%**⁽²⁾ during the application phase



Between **6%**⁽¹⁾ and **27%**⁽²⁾

reduction in energy consumption on the whole life cycle and **between 36%**⁽¹⁾ and **58%**⁽²⁾ during the application phase



Reduction by a **factor 14** of polycyclic aromatic hydrocarbons emissions during the application phase

EXTERNAL VERIFICATION

Independent auditor EY has verified that this product was labeled according to the method described in the TotalEnergies Ecosolutions Guidelines and that the guidelines comply with the principles set out in the ISO 14020 and 14021 standards which govern environmental claims and particularly their accuracy.

■ **Label award date:** April 2020

■ **Label term:** December 2024

■ **Geographical scope:** Europe

(1) Standard practice with a non-regulated kettle

(2) Use of a regulated kettle

Leveraging innovation to serve continuous improvement, the TotalEnergies Ecosolutions program involves developing products and services that enable our customers to improve their environmental footprint. For any question or to learn more about the TotalEnergies Ecosolutions program and the labeled products and services, go to: www.ecosolutions.totalenergies.com/en