

Azalt ECO2

(20/30, 35/50, 40/60, 50/70, 70/100, 100/150, 40/60 BTR and 160/220 BTR)

The Azalt® ECO2 range is a paving grade bitumen specially designed for the production of warm mix asphalt concrete. Delivered ready to use, the Azalt® ECO2 bitumen allows our customers to switch to warm mix technology without changing their processes. The Azalt® ECO2 warm mix asphalt concrete solution requires no additional investment at the mixing plant (where aggregates and bitumen are mixed to produce road coatings) and is also compatible without modification with a range of mix designs used by our customers, including mixes with a high binder content used for surface layers and mixes with low-binder content used as a base.



The specific formulation of the Azalt® ECO2 range allows the coating and laying stages (application of the prepared asphalt mix to the road) to be carried out at temperatures 40°C lower (and 20°C lower for BTR bitumens) than those achieved with a conventional bitumen of the same grade. Compared to an equivalent hot mix solution, Azalt® ECO2 bitumens also allow: - Improved comfort for road construction crews with a reduction in the perceived temperature compared to an identical hot mix solution. - a faster return to road traffic for road users.

The Environmental Performance



9% (and 2% for BTR Asphalts) energy savings over the entire life cycle and **29%** (and 15% for BTR Asphalts) during the asphalt production stage.



10% (and 5% for BTR Asphalts) reduction in CO2 emissions over the entire life cycle and **27%** (and 13% for BTR Asphalts) during the coating stage.

The use of Azalt® ECO2 bitumens also allows the reduction of VOC (Volatile Organic Compounds) emissions by 3% over the whole life cycle and 11% for BTR bitumens by 21% for asphalt manufacturers.

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:** December 2017 – Guidelines V5
- **Label term:** December 2022
- **Geographical scope:** Europe

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