

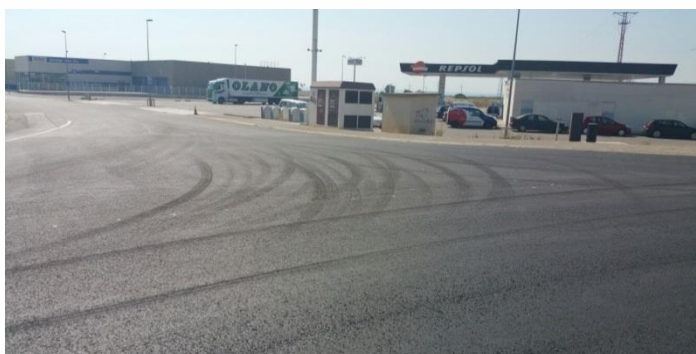
Asphalt mixture designed to withstand high stress.



The mixture of Fireffort and BM-3c bitumen with added fibres is especially designed to meet the requirements for withstanding the high levels of stress on the wearing course. It is applied to roads with a slope of over 15%, roundabouts, slippery curves and areas of adverse weather and where salt is used.

Main features

The structure based on internal friction of the aggregate prevents deformities. By adding fibres a better quality binder can be used without producing creep. The BM-3c modified bitumen ensures adhesiveness of all the components and guarantees that tangential stresses can be withstood. The differences between Fireffort mixtures and those in O.C.24/2008 are in their mechanical behaviour.



Executed projects

This mixture has been successfully employed on curves, roundabouts, slippery sections, roads with slopes of over 15% and areas affected by severe weather, without compromising safety properties.

- / Streets in the district of Torre Baró, with 22% slopes (Barcelona).
- / Streets in the Carmel district of Barcelona, with 18% slopes (Conca de Tremp).
- / Roundabout at lorry entrance to the Promsa company (Pallejà, Barcelona).
- / IDIADA braking track (Santa Oliva, Tarragona).
- / Lorry entrance to the El Corte Inglés car park (Barcelona).
- / Roundabouts in Zona Franca (Barcelona).
- / Carrer La Floresta with a 32% slope (St. Cugat del Vallès, Barcelona).
- / Roundabout with a high volume of heavy traffic in Fondarella (Lleida).