

**ENROBES A FROID POUR ENTRETIEN ET CONSTRUCTION
DES CHAUSSEES : L'EXPERIENCE FRANCAISE**

**COLD MIXES FOR MAINTENANCE AND CONSTRUCTION OF
ROADS : FRENCH EXPERIENCE**

Summary

Emulsion mixes, cold applied in continuous layers have been spreading out in France for the last years. This paper presents the existing knowledge on open graded emulsion mixes, "grave-emulsion" for strenghtenning and cold recycling mixes.

The test results of laboratory studies are described. They lead to define the specifications of raw materials and to charaterize the different types of mixes.

The specific conditions of manufacturing and laying are presented as well as the results of the follow up on a lot of sites.

Then the paper presents the "in situ" behaviour and all the informations coming from sites with different type of traffic, weather conditions ...

At this end, with machineries and bitumen emulsion available, the called bituminous courses can be easily achieved and withstand the wear and tears. They meet in the same time all the requirements about technical, environmental and economical concerns.

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