USE OF GRAVE EMULSION FOR ROAD REPROFILING

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ABSTRACT
The maintenance of roads with low or medium traffic (500 to 3 000 vehicles per day per traffic lane) is usually limited to the laying of wearing course. This course is very often limited to cold micro-surfacing or surface dressing.

However, from a technical point of view, these very thin maintenance courses require good surface homogeneity, which is not always the case, and to satisfy users' requirements as far as comfort is concerned, the old surface must not be too distorted.

Hence the need for a perfect surface preparation, i.e., good homogenization and the correcting of slight surface defects.

From an economical point of view, any techniques that help correct profile and evenness, and which offer reliable mechanical behavior for low and variable thickness, from 0 to 10 or 15 cm. are to be favored.

Among those that have been satisfactory, thanks to the wide range of experience in the south west of France, grave-emulsion has proved a lasting and encouraging solution.

This paper presents the mixes that are the most suitable for use in repromolding in accordance with conditions of use and application.

KEY WORDS: repromolding – maintenance – grave emulsion – surface dressings