

# STARDOPE<sup>®</sup> ACF100

RECYCLING AGENT AND ADHESION PROMOTER FOR HOT MIXED ASPHALT

STARDOPE<sup>®</sup> ACF100 is an additive based on phosphates in mineral oils.

## Chemical-Physical Properties

Appearance	Dark liquid
Density at 25°C	981 kg/m <sup>3</sup> ca.
Boiling point	>200°C
Viscosity at 25°C	250 – 300 cP
Flash point	>200°C

## Applications

STARDOPE<sup>®</sup> ACF100 is an additive that allows percentages of recycling milled material, varying from 10% to 50%.

## Advantages

Recycling the milled material allows a significantly economical saving of the production costs on new pavements. Unfortunately, the asphalt production using the milled material presents a high Marshall stability and, most of all, a high value of Marshall rigidity. This means the asphalt is not elastic and has a short life in use. Differently, the same asphalt obtained by adding STARDOPE<sup>®</sup> ACF100, shows improved rigidity values, making the asphalt similar to the one produced by using brand new aggregates and bitumen.

## Dosage and modality of use

The percentage is in accordance to the type of milled material and the type of new bitumen used. Normally it varies from 0.3% to 0.6% of the new bitumen weight for each 10% of old pavement added to the mixture. STARDOPE<sup>®</sup> ACF100 must be added to the bitumen or to the aggregates, by a feed pump, directly into the mixer of the asphalt plant.

## Package

In 200 kg net steel drums; in 1,000 kg IBC tanks; at request is available in bulk from tanker.

## Storage

STARDOPE<sup>®</sup> ACF100 may be stored for 36 months in original well closed packs. In function of the storage temperature the product can assume a doughy consistency, however, the qualitative characteristics are not at risk.

## Warning

For more information on classification, measures of protection and provisions in case of fire, please see the Safety Data Sheet available upon request.

La presente scheda contiene informazioni tecniche sui Ns. prodotti al meglio della nostra conoscenza. La STAR ASPHALT S.p.A. assume responsabilità esclusivamente per le applicazioni effettuate sotto il suo diretto controllo.

STAR ASPHALT S.p.A.

S.P. Piana Loc. Garga – 87010 SARACENA (CS) – ITALY – Telefax +39.0981.480921 / 480902

Mob. 338/6312356 Internet: [www.starasphalt.com](http://www.starasphalt.com) – E.Mail: [info@starasphalt.com](mailto:info@starasphalt.com)