
|additives in road pavings| |Technical data sheet|

# ITERLOW-RS ADDITIVE FOR WARM MIXES WITH HIGH PERCENTAGE OF RAP 

## 1. APPLICATION

ITERLOW-RS is a special additive for handling the production temperature of the asphalt concrete and for warm productions (WMA), in presence of high concentration of RAP.
When added into the bitumen, ITERLOW-RS lowers the mix production, laying and compaction temperatures, provides rejuvenating action and acts as an anti-strippping agent.
The mix produced with ITERLOW-RS significantly reduces fumes and emissions (CO2).

## 2. DOSAGE

ITERLOW-RS's dosage can vary according to the content of RAP in the mixture and the content of oxidated bitumen coming from the RAP itself. Normall recommend dosage is $0.10 \%$ of the RAP weight (average data related to a binder with $30 \%$ of RAP containing $4 \%$ of oxidated bitumen).
Dosage and performance of the product can be affected by several variables, therefore it is recommended to do laboratory per-qualification in order to determine the optimal dosage.
3. COMPOSITION

ITERLOW-RS is a vegetabal based additive with addition of anti-stripping substances.
4. PHYSICAL PROPERTIES

Aspect at $80^{\circ} \mathrm{F}\left(25^{\circ} \mathrm{C}\right)$
Pour point (minimum operational Temp.)
Density at $80^{\circ} \mathrm{F}\left(25^{\circ} \mathrm{C}\right)$
Flash Point
Viscosity at $80^{\circ} \mathrm{F}\left(25^{\circ} \mathrm{C}\right)$

Liquid
$\geq 23^{\circ} \mathrm{F}\left(-5^{\circ} \mathrm{C}\right)$
$0.77 \div 0.79 \mathrm{~g} / \mathrm{cm}^{3}$
$>195^{\circ} \mathrm{F}\left(90^{\circ} \mathrm{C}\right)$
$30 \div 40 \mathrm{cP}$
5. STORAGE

Stable at normal storing temperatures if kept in the original closed container in a sheltered place.
6. PACKAGE

In drums of $440 \mathrm{lbs}(200 \mathrm{~kg})$ net or totes of 2100lbs ( 950 kg ).

SAFETY PRECAUTIONS
For the manipulation of ITERLOW-RS, it is recommended to use safety gloves, clothes and protective glasses. For further information, see the product's MSDS.

DOSATORE AD ARIA COMPRESSA CON TIMER


1. QUADNO ELETTRICO
2. VALVOLA DI SCARICO RAMOO
3. CILINDRO GRADUATO IN PLEOGLASS SP.MM.S. CAPMCITA' LI. 2 COMPLETO DI FLANGE ZINCCTE E TIRANTI IN OTTONE
4. QUADNO COMANDO ARIA COMPRESSA
5. VALVOLA ELETTROPNEUMATICA A SSERA
6. VAIVOLA A SFERA MANUALE PER SVUOTAMENTO DOSATORE
7. CONTROL BOX
8. CYINDER'S IOADNG
9. GRADUATED PLEOGLAS CYUNOER 5 MM. WOTH COMFLCTEO WTHGALVANIZLO FLLNGES AND BRASS SCREW STATS
10. PVC CONTROL BOXIPSS FOR COMPRESSEO AUR
11. AR ACTUATEO ValVE
12. MANUAL VAIVE TO EMPTY THE OLSPENSC:
