



# POLYAD SI

## DESCRIPTION

It is a universal adhesion activator for bituminous conglomerates, extremely effective both on acid and basic stones, it avoids the stripping of the aggregates making up the conglomerate and extends its life.

## APPLICATIONS

POLYAD SI can be used on any bituminous conglomerate; The addition of POLYAD SI has the effect of reducing the bitumen / aggregate contact angle. A smaller contact angle favors the adhesion of the bitumen to the surface of the aggregate, facilitates the wettability of the fine parts and above all facilitates the bitumen to enter the microscopic pores present on the surface of the aggregate. POLYAD SI also helps prevent the "stripping" of bitumen from the surface of the stone aggregate.


The long molecules of the substances that form POLYAD SI, have a particular chemical structure that additions to the bitumen migrate rapidly to the bitumen / aggregate interface

## METHOD OF USE

POLYAD SI is added directly into the mixer of the production plant during the conglomerate production phase, using an automatic doser. Alternatively, it can be added directly to the bitumen storage tank when it is recharged.

## DOSAGE

The dosage percentages are a function of the nature of the aggregates and the type of bitumen used. The standard dosage can vary from 0.1% to 0.3% on the bitumen weight, that is to say from 1 to 3 kg of POLYAD SI for every 1,000 kg of bitumen.

ASTM D3625 ON TRENINO PORFIDFO		
WITHOUT POLYAD 5% COVERAGE		
WITH POLYAD IT IS 90% COVERAGE		

#### STORAGE

POLYAD SI can be stored for 24 months in its original and closed packaging, at a temperature between 5 ° C and 30 ° C. Depending on the storage temperature, the product may vary in viscosity, however its characteristics are not compromised.

#### SAFETY

For more information on classification, protective measures and measures in the event of fire, see the product safety data sheet, available on request.

#### WARNINGS

Advice on how to use it corresponds to the current state of our knowledge and does not involve the assumption of any guarantee and / or responsibility on the final result of the work. They do not therefore exempt the customer from the responsibility of verifying the suitability of the products for the use and the prefixed purposes through preventive tests