

Silan AP11

Product: **Silan AP11** is a liquid antistrip product based on silane chemistry nanotechnology. Its high activity ensures bonding effect against moisture, low temperatures, poor chemical affinity between aggregates and bitumen, thus getting optimized performance results according to the EN standards 12697-10, 12697-11, 12697-12 and 12697-17.

Silan AP11 flows at low temperatures, it is odor-free, heat-resistant and storage stable even for long period when added to the bitumen. It is designed to be soluble when poured into the bitumen and it can be used with any grade of binder including PMB.

Applications: Adhesion promoter for bitumen based systems

Dosage: Depending on the site material, dosage can be adjusted from 0.05% and 0.1% by weight of bitumen. A previous laboratory study is recommended to optimize the dosage.

In asphalt plants it can be dosed into the bitumen tanks during binder discharging (light stirring or recirculation is required) or dosed into the binder weighting scale (hot mix batch plant).

In binder supplier terminal it can be dosed into the tank track during bitumen loading.

Specification:

Appearance @ 25°C	Odorless blue liquid
Density @ 25°C	~ 1.10 g/cm ³
Pour point	-15°C
Viscosity @ 25°C	300-500 cPs

Storage: In the original container, in a sheltered place and protected from freezing and direct sun light. Avoid moisture exposure.

Packaging: 25kg plastic can, 1.000kg containers

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