



FOTOFLIUD DATA SHEET

PRODUCT
<p>A photocatalytic anti-pollution road-laying product for any type of job that needs the flexibility of asphalt and the durability of cement.</p> <p>Fotofluid is a pre-mixed powder composed of clear-coloured photocatalytic cement made from selected inert silica granules and specially prepared additives according to a special formula.</p> <p>The specially selected raw materials provide excellent PHOTOCATALYTIC characteristics.</p>
CHARACTERISTICS
<p>The PHOTOCATALYTIC properties of the formulation allow for the oxidation of pollutants and their subsequent transformation into harmless residual substances.</p> <ul style="list-style-type: none"> • Transforms pollutants into harmless residues. • Reduces temperatures by reflection. • Resistant to de-icing salts. • High grip coefficient. • Antibacterial and anti-mould action by means of photocatalytic oxidation-reduction
USES
<p>For roads with both high and low-density traffic flow.</p> <ul style="list-style-type: none"> • Car parks, squares, cycle paths, footpaths.
METHOD OF APPLICATION
<p>Substrate type Fotofluid is applied with a bitumen conglomerate base in depths varying from 3 to 4 cm. The conglomerate must have inter-granular drainage gaps that allow the photocatalytic cement to accumulate in layers of various depths depending upon substrate granularity.</p> <p>Preparing the mixture The pre-mixed powder is added to 20% - 30% water to obtain the right degree of fluidity to allow the mixture to penetrate the inter-granular drainage gaps.</p> <p>Applying the mixture The mixture is spread so as to allow it to penetrate and leave a thin layer on the road surface. Drying times vary depending upon weather conditions.</p>