

# Colored Slurry Seal



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## Colored Slurry Seal

**Colored Slurry Seal is a machine or hand applied coloured skid resistant surface treatment suitable for all classes of roads.**

### Description:

Colored slurries may be regarded as a special type of slurry since due to their composition they have a colour and different properties from that of conventional slurries. Colored slurry seal is a high friction surfacing system which is suitable for application on asphalt and concrete pavements. The applied system which incorporates aggregates, provides a durable and skid resistant surface which is both effective and serviceable within a few hours after its application. Colored slurry seal is available in several colors.

Two binders are usually used in these kind of slurries: bituminous emulsions or special emulsions of synthetic resins.

For coloured slurries based on bituminous resins, blonde bitumens are used to allow better coloring. The aggregates are the usual types for highways with pigments added to color the slurry mass.

These pigmented asphaltic slurries have been used in several European countries to seal road shoulders evenly with the road pavement where traffic loads are high and vehicles may be allowed to drive on the shoulders. In this case the use of colored asphaltic slurries is quite useful to distinguish the road shoulder from the road lane pavement.

The most important properties of these types of slurries used on roads are the following:

1. The mass is colored
2. Perfect distinction between road and road shoulder,
3. Extraordinary improvement of night visibility in rainy weather.



Figure 1: Application of red slurry seal at Agia Napa



Figure 2: Application of red slurry seal at Latchi, Pafos



Figure 3: Application of red slurry seal at Egkomi, Nicosia

4. Reduces the driver's fatigue in rainy weather.
  5. Easthetical improvement of the road.
- The synthetic colored slurries developed recently have been very successfull. These slurries are easier to color since resin-based emulsions are used instead of bituminous emulsions and allow any type of pigment to be used. This reason they are extremely suitable to seal bicycle lanes, sports facilities pavements, tennis courts, multi-sports parks, tracks and facilities for basketball, volleyball and garden walks, highway signaling islands, parking lots, e.t.c.

#### Surface preparation:

1. All surface areas are to be structurally sound, cleaned, and repaired prior to the application of Colored slurry seal. New asphalt shall cure a minimum of 14 days. New concrete shall cure a minimum of 28 days.
2. New or existing asphalt courts shall have all cracks and surface depressions, greater than 3mm, repaired.

#### Application:

1. Apply the material to the prepared surface by using a rubber squeegee
2. The coverage of the material shall be between 5-6 Kgs/m<sup>2</sup>.

#### Availability:

1. Stock colors are green and red.
- Other colors are available on request.



Figure 4: Application of red slurry seal at G.S.P.,Nicosia



Figure 5: Application of red slurry seal at G.S.P.,Nicosia

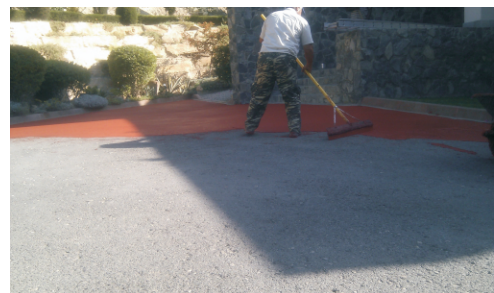


Figure 6: Application of red slurry seal at a villa in Limassol