

RESIN MODIFIED PAVEMENT (RMP)

by **ALYAN corporation**
www.alyancorp.com

THE SYSTEM

RMP is a durable and jointless 40mm thick wearing course that may be applied on to any suitably prepared new or existing foundation. It comprises of an open textured bitumen macadam support layer with a controlled proportion of voids, applied by a paving machine and consolidated by rolling. A liquid grout is then prepared from a blend of graded sand, cement, PROSALVIA a plasticizer and a resin additive which gives additional toughness and impermeability. The grout is introduced by vibration into the support coat to consolidate the voided structure. Excess grout is removed to achieve a slight exposure of the surface aggregates and, after a short curing period, the surface can be exposed to traffic.

CHARACTERISTIC PROPERTIES

- . Oil Resistance. Chemical Resistance
- . Resistance to deformation and Impact
- . No Joints
- . Resistance to Dusting. Impermeability
- . Shear Resistance. Heat Resistance
- . Easy Application and Maintenance. Colors
- . Antiskid and Sound-Deadening
- . Rehabilitation of Old Floors

Curing

The curing time of the grout varies with atmospheric conditions, but the minimum periods being used by the following traffic, should be:

Pedestrians, possibility of oil spillage	1-2 hours
Cars	24 hours
Heavy Equipment 2-32 tons	7 days
Heavy Equipment over 32 tons	14 days

DURABILITY

RMP has a much greater resistance than asphalt to permanent deformation, mechanical damage, heat and attack by petrol and oils, and will have a life well in excess of asphalt in these conditions.

Maintenance

Where conditions are severe, localized repairs are envisaged as being necessary after 5-10 years. These repairs should be conducted promptly, by patching, by or under the guidance of ALYAN Corporation



