

ROADMASTER SMA

TYPE 2, 3 & 4 Carriageways

First Time Permanent Cold-Lay Surfacing Material for Reinstatement.

DESCRIPTION

RoadMaster SMA is the HAPAS and BBA approved Permanent Cold-lay Surfacing Material (PCSMs) for all reinstatements in types 2, 3 & 4 Carriageways as a Permanent Cold-lay Surface Course (PCSC).

RoadMaster SMA is also approved at any position in all reinstatements within footways, footpaths and cycle-tracks.

USES

RoadMaster SMA is ideal for first time permanent reinstatements of Utilities excavations; water, gas, electricity, telecommunications.

RoadMaster SMA's availability in convenient 25kg tubs and long shelf life make it ideal for having on stock for emergency repairs & out of hours work.

The use of **RoadMaster SMA** around ironworks in new build roads and reinstatement is complemented by our RoadMaster cementitious range.

RoadMaster SMA is a more economical solution. Minimising the amount of lost time and waste created which are normally associated with the use of hot bulk materials.

PROPERTIES

RoadMaster SMA is a black, permanent cold-lay Stone Mastic Asphalt surfacing system designed specifically for use on type 2,3 & 4 carriageways with Utilities and Highways maintenance in mind.

The special proprietary binder system consists of bitumen plus viscosity controlling additives to facilitate storage, ease of handling and compaction. The result is an exceptionally consistent product, which, after compaction, is ready for immediate trafficking.

GRADES

The product is available in 0/10 mm surface course grades in PSV 60 or PSV 65 aggregate.

APPLICATION

All reinstatements should be carried out in accordance with the Specification for Reinstatement of Openings in Highways.

1. Level and compact the backfill and sub-base to the required depth below the final surface. Clean compaction equipment and clear site of all debris.
2. RoadMaster SMA should be laid as a surface course of 40mm nominal compacted thickness on Type 2, 3 and 4 roads.
3. For type 3 and 4 roads requiring 100mm of permanent asphalt surfacing, RoadMaster SMA may be laid in two layers of 50mm.
4. The vertical faces of the excavation and any ironwork within the excavation must be fully coated with a bituminous edge sealant. (EdgeMaster aerosol bituminous sealant is recommended).
5. Loosely place RoadMaster into the excavation to give a 50% surcharge and level with rake or shovel. Chamfer edges away from sides with the back of a shovel.

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6. Compact RoadMaster in accordance with Appendix A8 of the Specification for Reinstatement of Openings in Highways. A vibrotamper should only be used for a lower layer, a roller or vibrating plate should be used to compact the surface layer.
7. Repeat stages 4 to 6 for a second layer.

Approximate rates of spread are given in the table below.

Thickness	40mm	100mm (Laid in 2 layers)
Approximate quantity per m ²	100kg (4 tubs)	250kg (10 tubs)

STRENGTH DEVELOPMENT

In general terms strength development is governed by how well the material has been compacted.

QUALITY CONTROL

All CMS Pozament products are factory blended, tested and packaged to quality control procedures in accordance with BS EN ISO 9001 Series.

PACKAGING & STORAGE

RoadMaster SMA is available in 25kg plastic tubs and can be stored up to 6 months, depending upon storage conditions.

RoadMaster SMA should be stored in frost-free conditions.

RoadMaster SMA may slightly self-compact during transit. Prior to use, the material should be broken up so that it can be easily applied. Use of a fork will assist with this process.

TOOL CLEANING

Tools may be cleaned with Hydrocarbon solvents such as white spirit.

HANDLING

The product is very sticky and the use of rubber gloves is advised during application. Stains on the skin may be removed with proprietary cleansers.

For further information, see Health and Safety Data Sheet.

HEALTH & SAFETY

See Safety Data Sheet 50/26A.

INFORMATION PRICES & ORDERING

For ordering contact: 01283 550060.

Fax: 01283 550486.

For all other enquiries contact: 01283 554800.

NB: Please give not less than 48 hours notice.



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