

GRIPTOP™

PAM

Making danger zones safe.



Creating a safer road infrastructure is seen by local authorities, consultants etc. as a priority for reducing accidents caused by skidding. GripTop has been designed to add extra safety to our roads, particularly designed for those areas where two-wheeled users risk loss of control if manhole covers with inadequate skid resistance are in place.

GripTop is a high safety version of our **Inter-Ax**, **Opt-Emax** and **Ult-Emax** ranges. It has a specific top surface made of aggregate and bonding agents applied to a recessed ductile iron cover.

- High skid resistance value (SRV)
- High friction factor, similar to the surrounding areas
- High durability of aggregates and bonding agents
- Fully appropriate for installation in dangerous zones (see HD 28/04)

GRIPTOP™

SAINT-GOBAIN
PAM UK



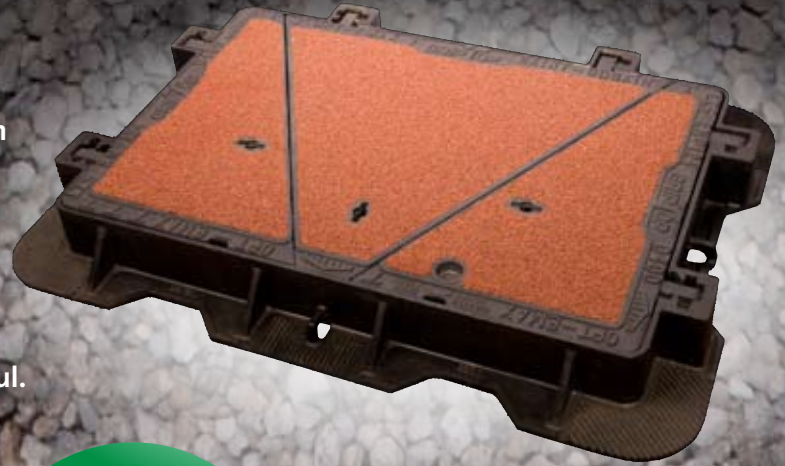
BS EN 124

GRIP^{TOP}™

An innovative answer to the safety issue in danger zones such as roundabouts, bends, pedestrian crossings, gradients, etc.

GripTop's gripping power put to the test in the city

In partnership with Bristol City Council, Saint-Gobain PAM UK carried out large-scale testing of GripTop in the city centre. Around 70 new access covers were installed, monitored and tested over a three-year period in Broadmead redevelopment programme. Located on road surfaces subject to heavy traffic where gradients encouraged acceleration and deceleration, the prototypes proved hugely successful.



GripTop has a SRV of 65 to 70 on average. The Design Manual for Roads and Bridges (DMRB) recommends a minimum of 55 for high risk situations.

Certified compliant to BS EN124 by BSI Kitemark



Product code	Design	Clear opening (mm)	Depth (mm)
212925	GripTop Opt-Emax	600 x 600	100
212927	GripTop Opt-Emax	900 x 600	100
212928	GripTop Opt-Emax	1220 x 685	100
212933	GripTop Ult-Emax	600 x 600	100
212934	GripTop Ult-Emax	675 x 675	100
212937	GripTop Inter-Ax	600 x 600	100
212938	GripTop Inter-Ax	675 x 675	100

Product code	Design	Clear opening (mm)	Depth (mm)
212929	GripTop Opt-Emax	600 x 600	150
212931	GripTop Opt-Emax	900 x 600	150
212932	GripTop Opt-Emax	1220 x 685	150
212935	GripTop Ult-Emax	600 x 600	150
212936	GripTop Ult-Emax	675 x 675	150
212939	GripTop Inter-Ax	600 x 600	150
212940	GripTop Inter-Ax	675 x 675	150

Saint-Gobain PAM UK recommends the use of LTS high-performance resin polyester bedding mortar (Product Code 190277). Standard pallet quantity is generally 10 or 15 depending on size of product. Loose quantities are available for road trial purposes. The aggregate is natural colour (grey) as standard (see table). Red aggregate is available on request.

Dealer Stamp

www.griptop.co.uk



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visit: www.saint-gobain-pam.co.uk

The information given in this literature is, to the best of our knowledge, correct at the time of going to print. However, Saint-Gobain PAM UK is constantly looking at ways of improving their products and services and therefore reserve the right to change, without prior notice, any of the data contained in this publication. Any orders placed will be subject to our Standard Conditions of Sale, available on request.

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Printed on chlorine-free, environmentally friendly paper from sustainable forest stock.

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