

MAPEGROUT DRAIN FILL NV

Self-levelling mortar
for semi-flexible road surfaces



**MENDRSIO TRANSPORT INTERCHANGE,
LOT 0801.101-1 - Switzerland**

A pervious wear layer infilled with Mapei **Mapegrout Drain Fill NV** mortar was applied as part of the construction work for the new parking area for the buses.

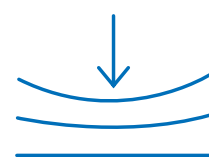


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SELF-LEVELLING
MORTAR



SEMI-FLEXIBLE
ROAD SURFACES

TECHNICAL CHARACTERISTICS:

When mixed with water at a rate of 20-25% of the weight of the mortar, the plasticity of **Mapegrout Drain Fill NV** is around 13 seconds (measured with a Ø 10 mm Marsh cone), which is sufficient to guarantee **correct saturation of road surfaces** up to 5 cm thick.

To obtain an optimum mix on site, it is recommended to use a high-speed continuous mixer, such as a turbo mixer.

The bitumen conglomerate must be dry and clean.

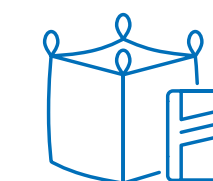
Apply **Mapegrout Drain Fill NV** at a temperature of between +10° C and +30° C. Do not use the product during rainy weather.

If the product is applied in poor weather conditions, the road surface may not fully develop or achieve its required physical and mechanical properties and characteristics.



TYPICAL AREAS OF USE:

- Loading and unloading areas in interports, ports and airports
- Forecourts and yards used by heavy-goods vehicles
- Logistics hubs
- Car parks
- Motorway toll areas



PACKAGING:

Mapegrout Drain Fill NV is available in 25 kg bags and “Big Bags”. Bespoke quantities according to individual requirements are also available on request.



CONSUMPTION:

The consumption rate of **Mapegrout Drain Fill NV** infill mortar varies from 5 kg to 8 kg per centimetre of thickness, depending on the amount of gaps and voids in the bitumen conglomerate.

Mapegrout Drain Fill NV is a cementitious mortar made from a mixture of hydraulic binders and selected aggregates combined with special additives.

Thanks to its special formulation, **Mapegrout Drain Fill NV** may be used to create semi-flexible road surfaces with high physical and mechanical properties which may be opened to foot traffic 24/36 hours after application; particularly recommended for areas subjected to high static loads and punch loads.

Mapegrout Drain Fill NV is easy to pump, has a super-plastic consistency and a high level of dimensional stability, making it suitable for use as infill in “open grade” bitumen conglomerates up to 6 cm thick and with between 20% and 30% of voids and gaps.

The combination of “open grade” bitumen conglomerate and **Mapegrout Drain Fill NV** forms a product that is extremely resistant to wear, sulphates and de-icing salts.

The product is also stable at high temperatures and expansion joints are not required in the road surface, unless they are already present in the installation bed.



Rome International Airport “Ciampino G. B. Pastine” - Rome - Italy
Requalification of the parking area

EVERYTHING'S OK WITH MAPEI

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