

General guidelines for installation of FilterPave® System

February 2013

LOADING	CARRYING CAPACITY PLANED SUBGRADE: 20 – 45 MN/ M ²		CARRYING CAPACITY PLANED SUBGRADE: > 45 MN/ M ²	
	Installation height of substructure	Installation height of FILTERPAVE™	Installation height of substructure	Installation height of FILTERPAVE™
PARKING SPACES For car's, motorcycles and other vehicles up to 2.7 tonnes.	300 mm	40 mm	250 mm	30 mm
TREE DISC Without traffic volume	200 mm	30 mm	150 mm	30 mm
FOOTHPATH For pedestrian, wheelchair user, bicycles and light motorcycles.	200 mm	30 mm	150 mm	30 mm
BASIC CONDITIONS				
Temperature at installation	Minimum 9°C – dry without rainfall			
Temperature of environment	Minimum 4 °C (72 hours)			
Rainfall	Minimum 24hours without rainfall			
Cure temperature (at least. 15.5 ° C temperature of environment)	72 hours (3 days)			
Cure temperature (under 15.5 ° C temperature of environment)	120 hours (5 days)			
<ol style="list-style-type: none"> The installation height is a general guideline which is based on typical rainfall. If the FilterPave™ surface is to be used for taking measures against extreme surface water, the installation height of substructure can be increased accordingly. MN/sqm is the abbreviation for Mega-Newton per square meter. This value of load bearing capacity must be determined prior to start of construction.. If the required load bearing capacity of sub-grade is not reached after excavation, measures must be taken to increase the load bearing capacity. As substructure of crushed stone with a grading of 0/22mm with a fines content of less than 5% is to be used. It is advisable to use an additional 2-3cm levelling layer of fine grit (2-4mm). A geotextile to GRK3 classification must be used under the sub-base. The sub-grade should be compacted to a minimum Proctor density of 90%. 				