

## Prima Drain Stone® - DATA SHEET

Prima Drain Stone® respects the environment and guarantees **total permeability** thanks to its components:  
 • a specific **bi-component binder free of pollutants and solvents**, which are thus not released into the drained water or the atmosphere;  
 • **natural stones** such as marble, granite, porphyry, quartz, etc., coming from other processes waste.

We only use **certified products of the highest quality** and high-level **suppliers among the leading Representatives of the sector**.

Prima Drain Stone® is also a solution **contributing to the building's LEED credits** formation and is respectful of the main Minimum Environmental Criteria.

## BENEFITS

### COMPLETELY AND IMMEDIATELY DRAINING

The open-pore structure allows rainwater to drain naturally underground. The drainage capacity of Prima Drena Stone® is well over 2,500 liters / m<sup>2</sup> / minute.

### UV RESISTANT

Thanks to its structure and the particularity of used binders, the aesthetic appearance is always the same over time. This solution is not afraid of the sun's rays.

### DRIVABLE AND PEDESTRIAN

It has high mechanical resistance, so it is suitable for pedestrian and traffic solutions, with a maximum capacity of up to 35 quintals.

### HEAD ISLAND EFFECT

The surface cools down faster as the porous material facilitates air passage.

### REDUCED EXECUTION TIMES

Compared to the most common outdoor flooring, the Prima Drain Stone system allows a significant reduction in installation times with consequent savings in the construction site costs.

### VERSATILE AND INCLUSIVE

Customizable for inclusiveness, coloring, drawings, writings, escape routes, and grain size curves.

### THAW AND SAFETY

Frosty. Excellent response to freeze/thaw cycles. Always dry, safe, and easy to be traveled by wheelchairs, people with motor disabilities and/or other disabilities, even temporary.

### MAINTENANCE AND CLEANING

Easy ordinary and extraordinary maintenance. Cleaning without the use of detergents, only with medium/low pressure water.

## PRODUCT TECHNICAL DATA

<b>Average medium thickness 10-12 mm pedestrian - 18-20 mm vehicular use</b>	<b>Average medium thickness 10-12 mm pedestrian - 18-20 mm vehicular use</b>
<b>Color Sample</b>	• Color Sample
<b>Slip resistance UNI EN 13036-4 &gt; 45 dry or wet flooring</b>	• Slip resistance UNI EN 13036-4 > 45 dry or wet flooring
<b>Appearance Natural</b>	• Appearance Natural
<b>Composition</b>	• Composition
<b>High percentage of recycled and recyclable material</b>	High percentage of recycled and recyclable material
<b>Porosity ≥ 25%</b>	• Porosity ≥ 25%
<b>Traffic</b>	• Traffic
<b>Civil use max 35 quintals, however variable according to the substrates and aggregates</b>	Civil use max 35 quintals, however variable according to the substrates and aggregates
<b>Reaction to fire UNI EN 13813</b>	Bfl-s1

## Where

<b>Public Spaces</b> Walkways and external pedestrian squares. Also suitable for seaside and lakeside avenues, trails in green spaces or parks, bike paths, and outdoor spaces in schools, hospitals, seniors' residences, and hotels.
<b>Private Spaces</b> Pedestrian paths in exterior areas of villas or residential complexes, terraces and pool edges, driveways, parking.

## Note

All provisions regarding the safety and use of the products that make up Prima Drain Stone® are included in the safety data sheets for each material.

The above data, in no case binding, are based on previous experiments, both in the laboratory and on site.

The data may be modified at any time without prior notification.

Any responsibility is delegated to the users of the Prima Drain Stone® system.

## Supports and realization

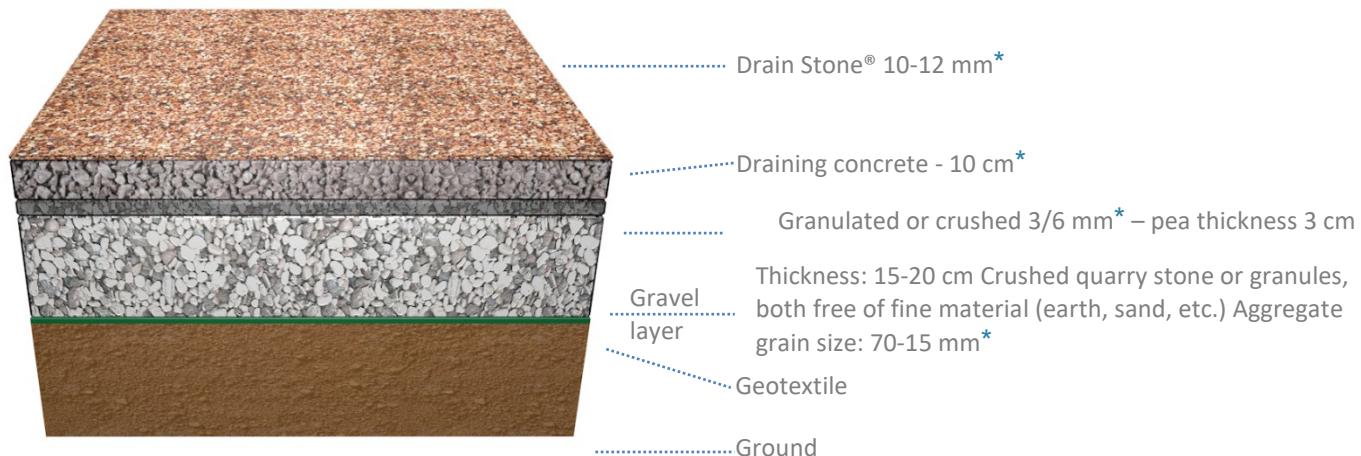
Prima Drain Stone® can be installed on new substrates like concrete, draining concrete, natural stone and ground. It is also used to redevelop existing used assets.

## Stratigrafie

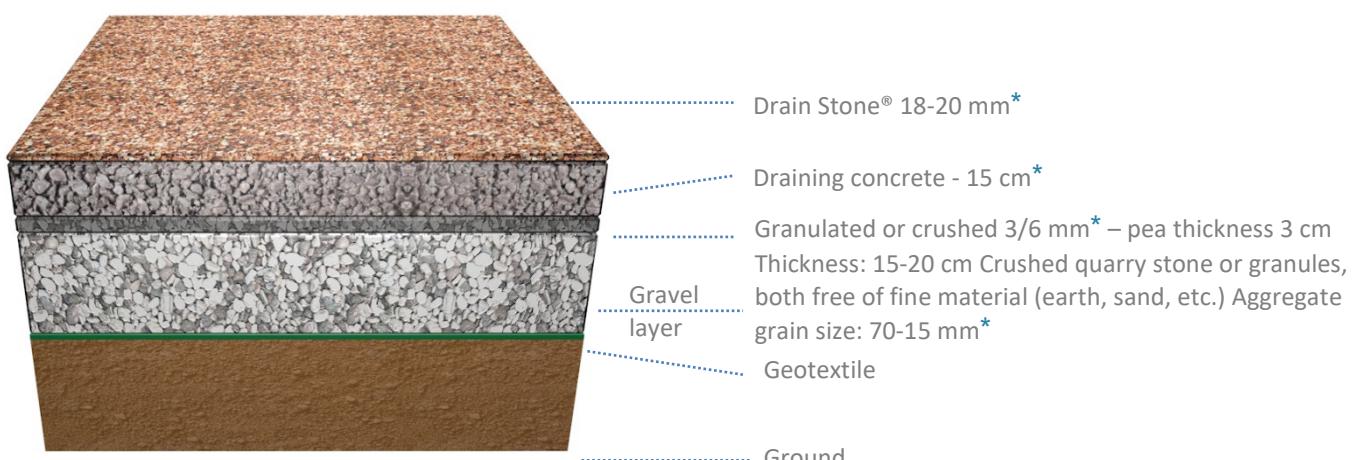
### PRIMA DRAIN STONE® - 100% PERMEABLE – ON DRAINING CONCRETE

Prima Drain Stone® is laid on a draining concrete screed. As both are permeable materials, the surface drains the water deeply, returning it to the ground and the underground aquifer.

Prima Drain Stone® on a permeable concrete base - Pedestrian and cycle path



Prima Drain Stone® on a permeable concrete base - Traffic version ( $\leq 3,5$  ton)

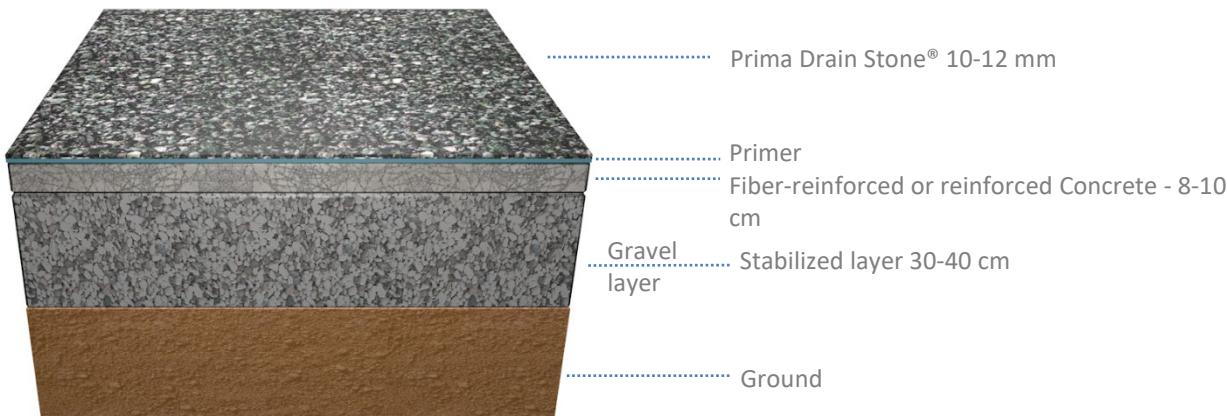


\* Nominal values

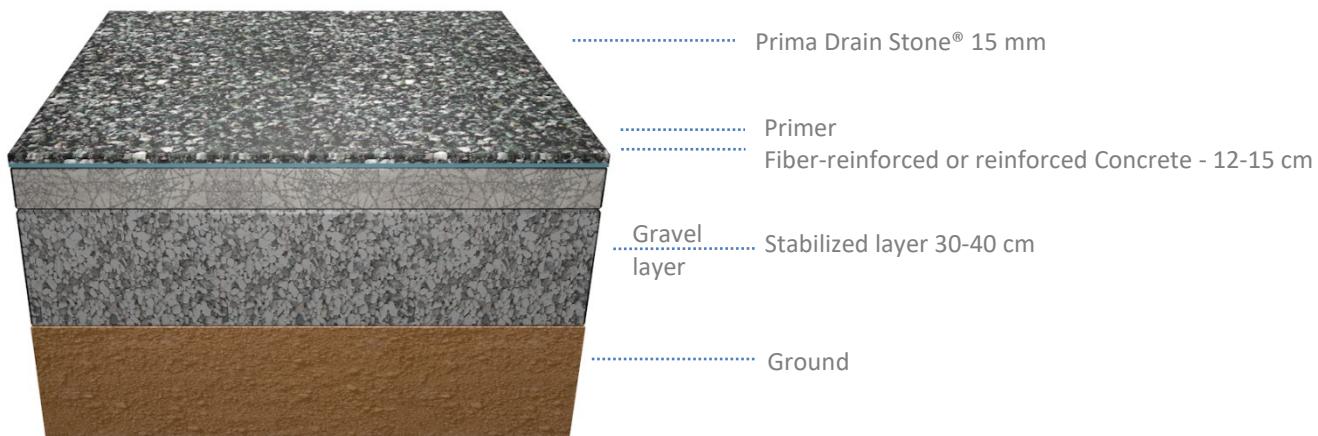
## PRIMA DRAIN STONE® - DRAINING - ON REINFORCED CONCRETE

Prima Drain Stone® is laid on a concrete substrate or solid existing floors. Suitable for improving the functionality and aesthetics of the coating. Dry and safe surface if there is an appropriate water recovery system.

Prima Drain Stone® on reinforced concrete base - Pedestrian and cycle path



Prima Drain Stone® on reinforced concrete base - Traffic version ( $\leq 3,5$  ton)



## PRIMA DRAIN STONE® - TERRACE SOLUTION

Prima Drain Stone® has, in addition, been intended for terraces.

It is foreseen to be laid on concrete substrates made of a bituminous membrane with a minimum slope of 2% or directly on a single-component liquid waterproofing layer (always sloping) to facilitate water flow.

Prima Drain Stone® on sloping concrete, **NO bitumen membrane**

