



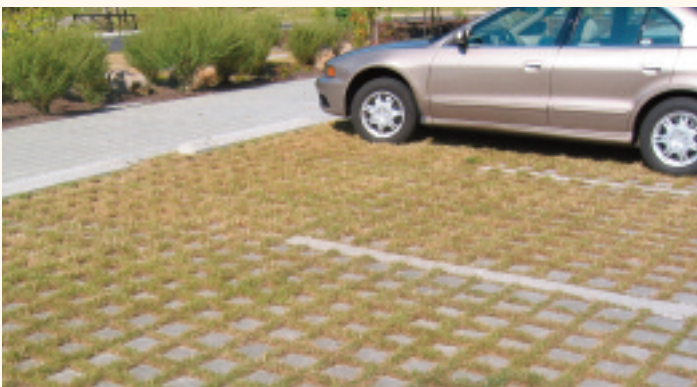
SF-RIMA™



Permeable Concrete Paving Stone System

SF-Rima™ pavement – your choice for:

- Reduction of runoff
- Conservation of space for retention requirements
- Filtration for water quality improvement
- Reduced project development costs due to reduction of storm sewers and drainage facilities
- Recharge of groundwater
- Reduction of downstream flows and bank erosion due to decreased peak flows and volumes
- Strong pavement for vehicular traffic
- SF-Rima™ stones can also be installed as turf pavement for light trafficked areas



Turf Pavement

For the irrigation and cooling of surfaces.

Strong enough for parking lots and light trafficked areas. SF-Rima™ - installed with wider joints – environmentally friendly and economical.



Permeable Pavement

Rain water infiltration is important for the regeneration of valuable ground water. SF-Rima™ reduces or eliminates runoff, decreases flooding and relieves sewer systems – yet provides a sturdy pavement for vehicular traffic.



Rainwater is precious.

Rapid urbanization has posed new challenges on all of us. We build more houses, plazas, commercial buildings and roads. All these surfaces are impervious and generate additional runoff during rainstorms. These runoffs carry pollutants and sediments that enter water sources. They erode streams, degenerate environments and pollute drinking water.

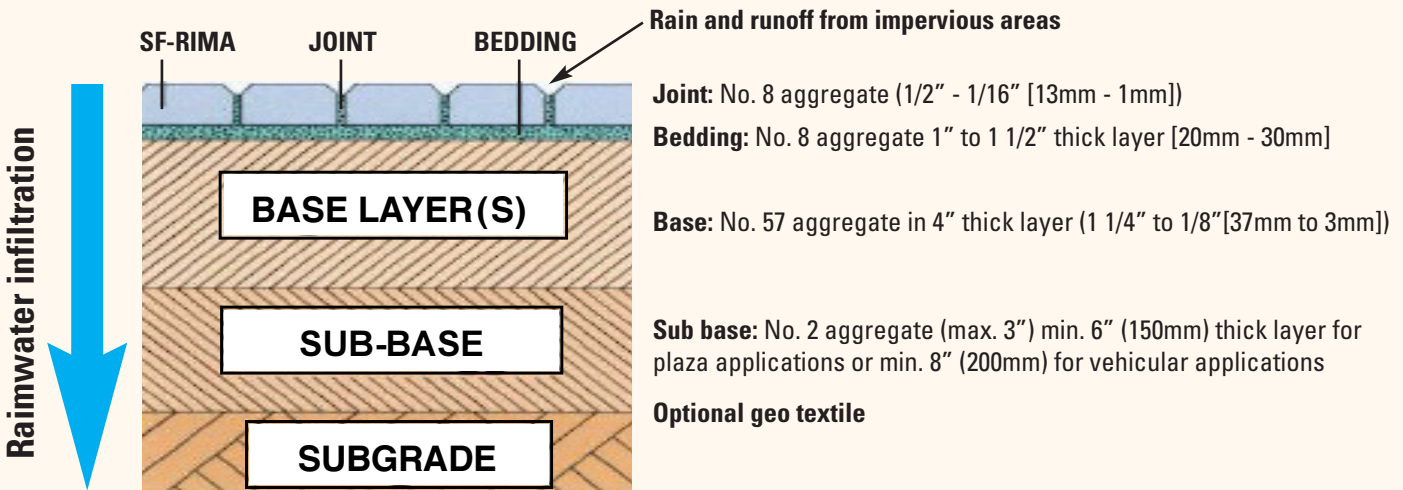
SF-Rima™ permeable concrete pavement is the solution to deal with stormwater runoff. It is very effective in providing infiltration at the spot, allowing rain water to pass through joints between the paving stones, through aggregate layers for temporary storage, filtering, treatment and eventually it is released to the ground water.

SF-Rima™ permeable concrete paving stone system is an effective solution of providing a structural pavement suitable for pedestrians and vehicular traffic while allowing rainwater to pass straight through the pavement construction for temporary storage and dispersal to the ground.

SF-RIMA™ - a pavement and a detention facility: all in one

SF-Rima™ permeable concrete pavements can reduce runoff of almost 100% from frequent, low intensity and short rainstorms. The long-term infiltration rate is estimated at 3 in./hr for a 20-year life. It is recommended however, to provide drainage swales to handle flows that exceed the design rainstorm.

SF-RIMA™ - System Components



Composition and Manufacture

SF-Rima™ is made from a "no slump" concrete mix. Made under extreme pressure and high-frequency vibrations. SF-Rima™ has a compressive strength greater than 8000 psi, a water absorption maximum of 5% and will meet or exceed ASTM C-936 and freeze-thaw testing per section 8 of ASTM C-67.

Dimensions

Height/Thickness	3 1/8" = 80mm
Length (w/o spacers)	7 3/4" = 196mm
Width (w/o spacers)	7 3/4" = 196mm
Drain Joint	1/2" = 13mm
Turf Joint	1" = 25mm

The joint material and the foundation (paver bed, subbase, subgrade) must be permeable.

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