



Building with conscience.

# Sto DrainScreen®

Drainage and ventilation mat for exterior wall systems

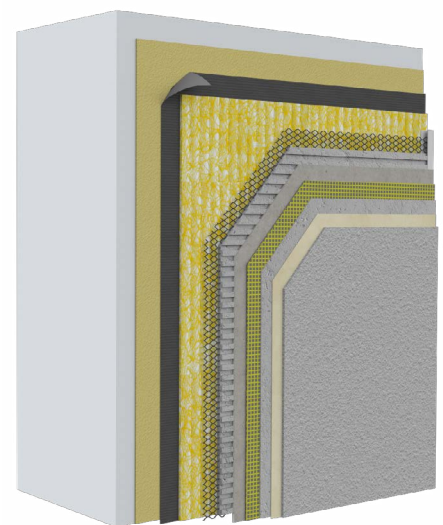
## Facades



Sto DrainScreen® is a tangled filament drainage and ventilation mat for use in above grade vertical wall assemblies beneath stucco, stone, siding, brick and thin brick veneer. It is designed to redirect and evacuate moisture away from vulnerable wall sheathing materials.



Sto DrainScreen is a drainage mat composed of a polyester nylon fabric that is highly permeable and therefore allows trapped moisture to dry out faster. No matter how tight the wall assembly is, moisture may find a way in and it is crucial to design a system that provides a path for the moisture to escape. Any cracks or gaps in cement-based wall claddings or in mortar joints of masonry systems are potential entry points for moisture. Trapped moisture is a source of mold and rot and may lead to structural failures of the wall assembly. Therefore, designing a system that includes Sto DrainScreen provides continuous ventilation and drainage to remove incidental moisture and helps protect the integrity of the wall assembly. When combined with StoGuard® air and water-resistive barrier, Sto DrainScreen offers the optimal protection against moisture intrusion.



StoPowerwall® Drainscreen®  
with Sto Crack Defense option



## A highly permeable mat for superior moisture protection

Sto DrainScreen may be used in non-Sto systems behind stucco, masonry, stone, thin veneer and siding. Sto DrainScreen is an integral component of Sto's fully engineered stucco and cement board systems - StoPowerwall® DrainScreen and StoQuik® Silver DrainScreen.



Features	Benefits
Polyester nylon fabric	Highly permeable, faster drying of the wall
Sturdy fabric and filaments	Integrity of drainage plane will not be compromised when fastened
Engineered filament pattern	Allows multi-directional drainage
Lightweight	Easy to handle, carry and roll onto the wall
Flexible material	Conforms to irregular surfaces and corners with complete and effective coverage
Breathable fabric	Prevents stucco or mortar from obstructing the drainage plane
48" wide rolls	Reduces the number of seams
6mm and 10mm thick rolls	To accommodate specifiers' requirements

### Product & Technical Data

Thickness	6 mm (nominal ¼") 10 mm (nominal 3/8")
Color	Yellow
Coverage	Sto DrainScreen 6mm: 4 x 62.5 ft roll = 250 ft <sup>2</sup> (1.2 x 19 m = 23 m <sup>2</sup> ) Sto DrainScreen 10mm: 4 x 75 ft roll = 300 ft <sup>2</sup> (1.2 x 23 m = 28 m <sup>2</sup> )
Surface Burning – ASTM E84	Class A Flame Spread < 25 Smoked Developed < 75
Building Code Compliance	Meets requirements of NFPA 285 for use on all Types of construction; refer to ICC ESR 1233

### Sto Americas

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