

# **SORCONS<sup>®</sup>**

## **Dimpled Membrane**





## Specifications

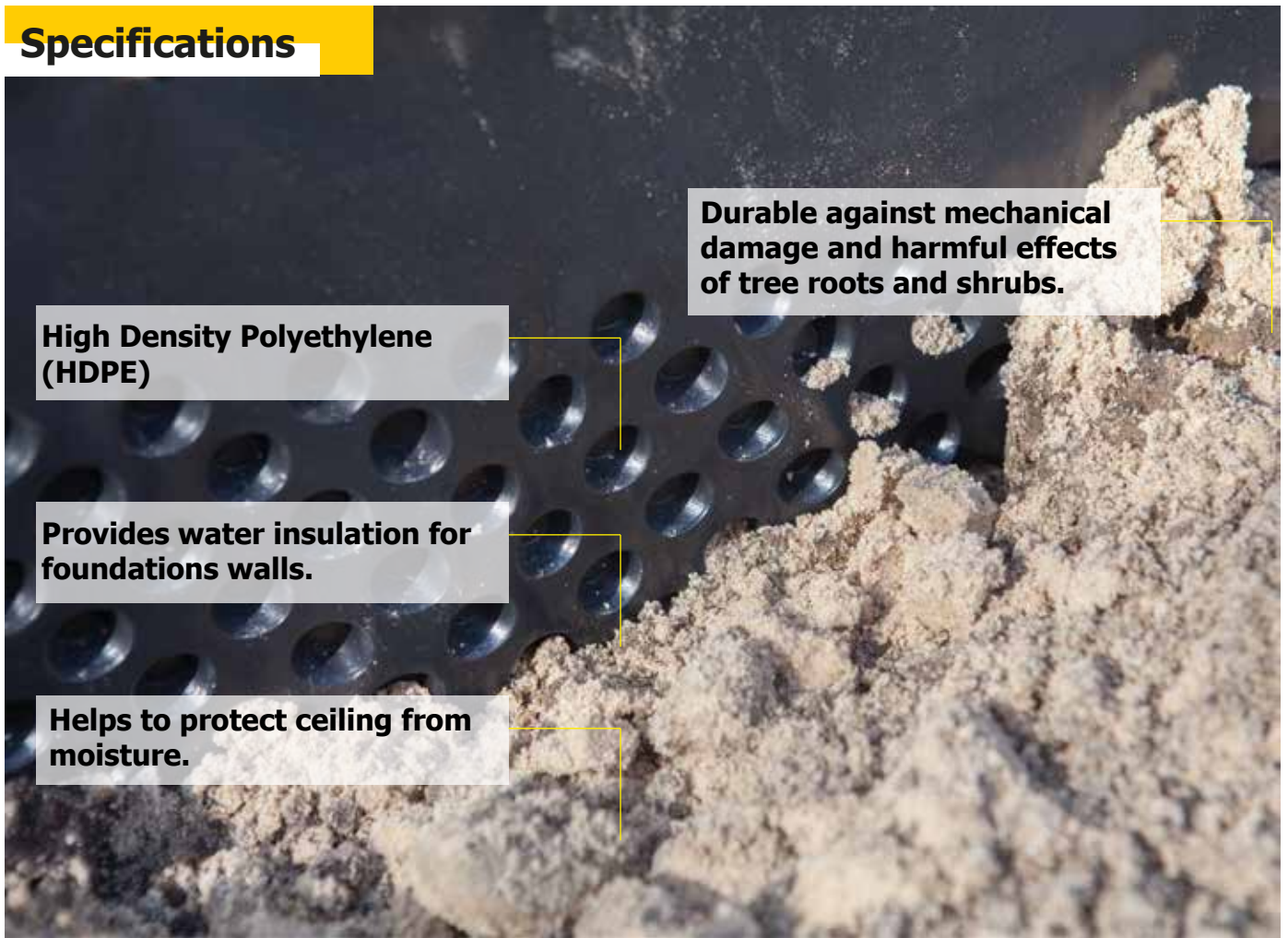
HDPE (High Density Polyethylene) dimpled membrane is specialized waterproofing membranes that feature a unique dimpled design.

It effectively protects structures against water intrusion. The dimpled design enhances drainage capacity by providing a clear path for water to flow away from the structure, preventing water buildup and potential damage.

It has a unique dimpled pattern that creates a continuous drainage space. These dimples create an air gap between the membrane and the foundation surface, facilitating the quick and efficient flow of water away from the structure.



## Specifications

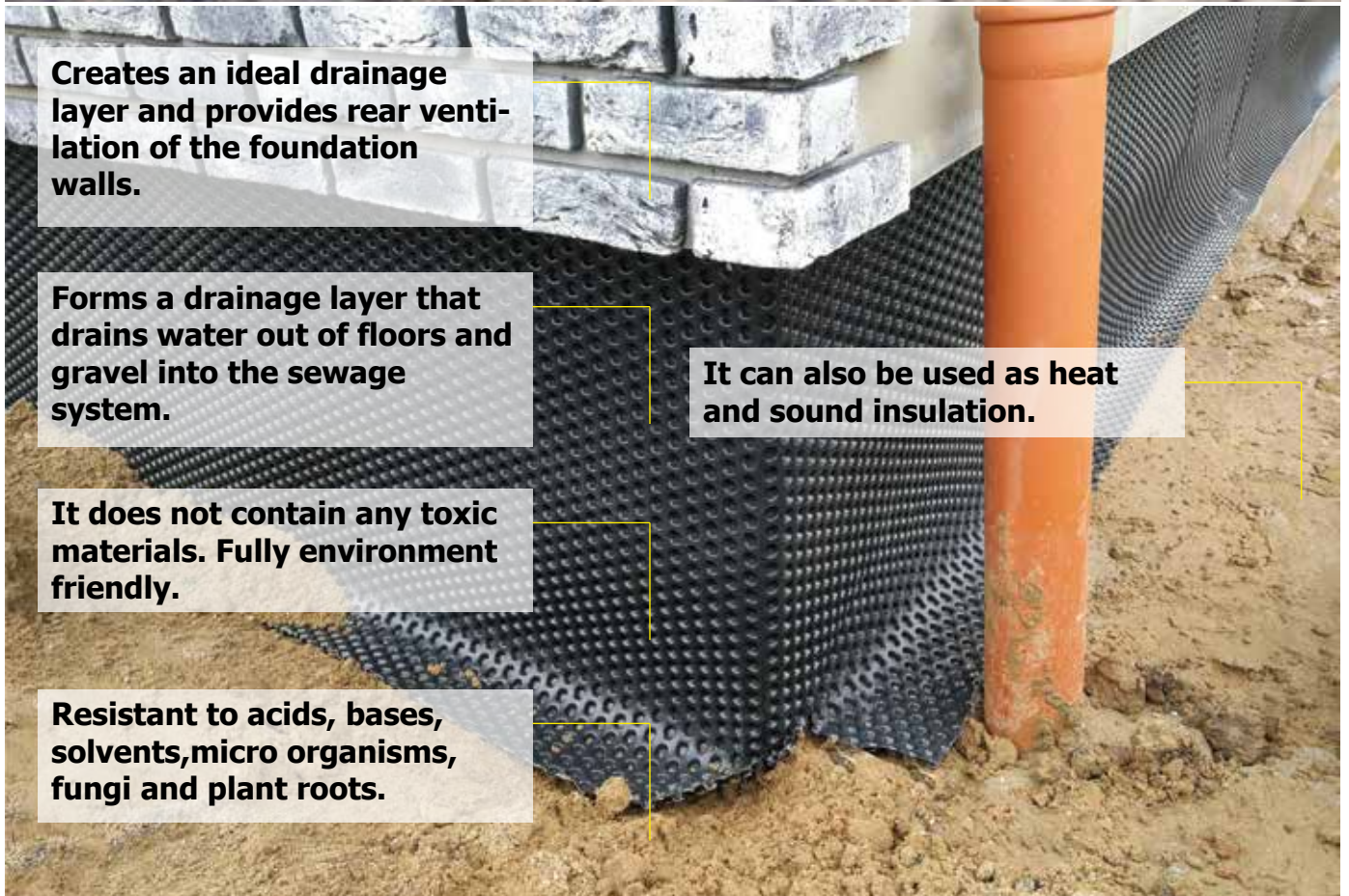


**Durable against mechanical damage and harmful effects of tree roots and shrubs.**

**High Density Polyethylene (HDPE)**

**Provides water insulation for foundations walls.**

**Helps to protect ceiling from moisture.**



**Creates an ideal drainage layer and provides rear ventilation of the foundation walls.**

**Forms a drainage layer that drains water out of floors and gravel into the sewage system.**

**It can also be used as heat and sound insulation.**

**It does not contain any toxic materials. Fully environment friendly.**

**Resistant to acids, bases, solvents, micro organisms, fungi and plant roots.**

## Where to be used?

**Foundation Waterproofing:** Exterior drainage layer to protect against water infiltration.

**Basement Walls:** Interior moisture management and drainage path.

**Landscaping:** Drainage and protection for green roofs, planter boxes, and gardens.

**Sports Fields:** Drainage to prevent water accumulation on playing surfaces.

**Tunnels:** Water infiltration management and improved durability.

**Roof Gardens:** Drainage and protection for green roofs and underlying structures.

## How to be used?

**Should be used dowel pins to fix. Not be stuck or melted.**

**The dimples should face the wall.**

**WARNING:** In order to avoid deformation on the product surface, the roller should be opened near the application area and applied in a short time.

# Technical Data

Data Type	Standard of Testing	Unit	Tolerance	SDM400	SDM500	SDM500
Material				HDPE	HDPE	HDPE
Roll Length	EN 1848-2	meter	(+-2,5%)	20	20	20
Roll Height	EN 1848-2	cm	(+-0,5%)	100-150 200	100-150 200	100-150 200
Area Weight	EN 1849-2	g/m <sup>2</sup>	(+-6 %)	400	500	600
Thickness	EN 1849-2	mm	(+-0,02%)	0,4	0,5	0,6
Number of Stats	TS 13732	n/m <sup>2</sup>		>1800	>1800	>1800
Resistance to Pressure	TS EN 826	kn/m <sup>2</sup>		150	200	250
Tearing Resistance	EN 12310-1	N	(+-30%)	180/200	200/240	220/260
Dimple Height		mm		8	8	8
Water Resistance	EN 1928		60 kPa	Passed	Passed	Passed
Temperature R.	EN1876-1	°C	min -30° to max +80°	Passed	Passed	Passed
Colour				Black	Black	Black
Hazardous Chemical	EN 1397 + A1			Non Toxic	Non Toxic	Non Toxic
Guarantee				20 Years	20 Years	20 Years
Pallet Units				20 Rolls	20 Rolls	16 Rolls

### Roll Height (Optional)

### Roll Length

### Info

HS CODE:  
3921.90.60.00.11

Sampling is available for this product. Contact with [sales@sorcons.com](mailto:sales@sorcons.com) to ask sample.

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