

# Product Data Sheet

## Root Barrier WSF 40

Order No. 1040-1044 / 41040



Established, proven and tested sheet, easy to install, made of environmentally-friendly polyethylene for the use as root protection under extensive green roofs.

### Technical Data

#### Root Barrier WSF 40

Seamless membrane of high-pressure polyethylene (PE-LD).

Thickness:	ca. 0.36 mm	
Weight:	ca. 330 g/m <sup>2</sup>	
Colour:	black	
Density:	0.94 g/m <sup>3</sup>	
Tensile strength:	at 20° C:	ca. 40-47 N/mm <sup>2</sup>
	at 120° C:	ca. 20-25 N/mm <sup>2</sup>
Tensile expansion:	> 400 %	

#### Water vapour permeability of air layer thickness according to German

Standard DIN 52615:  $s_d > 200 \text{ m}$

Coefficient of sliding friction: 0.29

#### Dimensions:

ca. 8.00 m x 25.00 m
ca. 6.25 m x 20.00 m
ca. 2.00 m x 50.00 m
ca. 3.00 m x 33.50 m

#### Roll width:

ca. 2.00 m
ca. 1.60 m
ca. 1.00 m
ca. 1.50 m

#### Order No.

1040
1041
1043
1044

Delivery in rolls with the above widths.

Root barrier for garages, carports, etc.:  
ca. 6.25 m x 3.20 m

Order No. 41040

### Features

- root resistant
- resistant to humic acids
- compatible with bitumen and polystyrene
- partially resistant to oil- and petrol
- UV-stabilised
- environmentally-friendly with lack of chemical softeners
- high tensile strength
- proven and tested over many years
- quick and easy installation

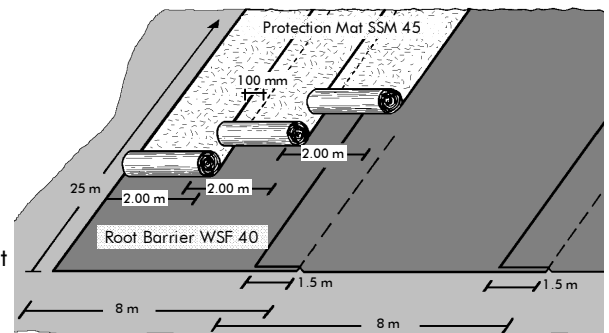
### Application Example

"Root protection with 10 years warranty\*"

#### Root Protection System "E"

for extensive green roof with plant growth heights up to ca. 500 mm

\* Please note our warranty conditions which will be sent to you upon request.



### Specification Suggestion

Electronically tested root barrier of high-pressure polyethylene, thickness ca. 0.36 mm, weight ca. 330 g/m<sup>2</sup>, bitumen resistant, UV-stabilised, delivery and installation according to manu-

facturer's instructions.

Make: ZinCo Root Barrier WSF 40  
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