

## Durglass® temporary passive anchors



**DURGLASS** soil nails are ideally suited for temporary soil stabilization as they can be excavated through or left underground, not requiring to be removed after their service life.

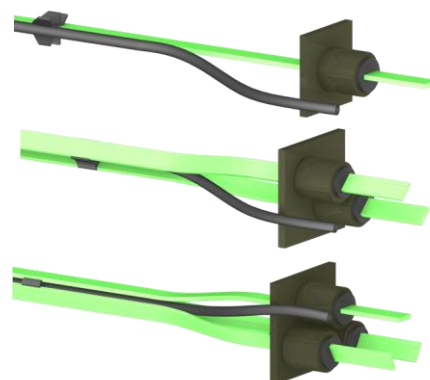
### DURGLASS® AND GLASSPREE® SPECIFICATIONS\*

Density	ASTM D792	1.95 g/cm <sup>3</sup>
Ultimate tensile strength	ASTM D7205	760 - 1000 MPa
Tensile modulus of elasticità	ASTM D7205	40-46 GPa
Shear strength	ASTM D7617	100 - 200 MPa
Fiber content	ASTM D2584	>65%

\* Based on ASTM International's testing method.

### DURGLASS® FLAT BAR SOIL NAILS

Type	Bars	Nominal breaking load - kN	Blocking system
EM 24	1 Flat 40x6	240	Wedge 63P
ED 48	2 Flat 40x6	480	Wedge 63P
ES 72	3 Flat 40x6	720	Wedge 63P
EM 36	1 Flat 40x9	360	Wedge 82P
ED 72	2 Flat 40x9	720	Wedge 82P
ES 100	3 Flat 40x9	1080	Wedge 82P



### DURGLASS® ROUND SOIL NAILS

Diameter (mm)	Type	Nominal breaking load - kN	Blocking system
25	Threaded	450	Nut R22
32	Threaded	800	Nut R32
40	Threaded	1000	Nut R38
25	Non threaded	450	Wedge 63R
32	Non threaded	800	Wedge 63R
40	Non threaded	1000	Wedge 82R



## Durglass® temporary active anchors



**DURGLASS** active anchors are used for temporary works where pre-tensioning the anchorage is necessary. Once the work is over, **DURGLASS** anchors do not need to be removed from the ground, since they can be easily excavated through during works at a later stage.

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\* Based on ASTM International's testing method.

### DURGLASS® REBAR ACTIVE ANCHORS

Anchor type	Bar diameter mm	Active working load - kN	Bar lenght
AA 75	16	75	Up to 24 m
AA 120	20	120	Up to 24 m
AA 180	25	180	Up to 24 m
AA 240	32	240	Up to 24 m



### DURGLASS® MULTIPLE-STRAND ACTIVE ANCHORS

Anchor type	Bars	Active working load - kN	Bar length
AA 150	1 40x9	150	Up to 50 m roll
AA 300	2 40x9	300	Up to 50 m roll
AA 450	3 40x9	450	Up to 30 m roll
AA 600	14 x Ø 12 mm	600	Up to 30 m roll
AA 800	8 40x9	800	Up to 30 m roll

