








The best alternative to nature

PRODUCTSPECIFICATIONS

EDEL L'ESCALA

A Product	
Product name	EDEL L'ESCALA
Application	Garden lawns, roof gardens, patios, swimming pool surround, infrastructure
B Production	
Producer	EDEL GRASS B.V. - Genemuiden - The Netherlands
Production process	Tufted, cut pile
C Pile	
Pile material	100% Thiolon® PE Monofilament yarn straight/texturized, environment friendly, U.V. stabilised
Yarn Dtex	13000/16 Dtex (8000/8 mf + 5000/8 txt)
	Width 0.85 - 5.5 mm
	Thickness 185 µm
Colour	Field green and olive green (mf) / field green and jute (txt)
UV-stability	DIN 53387 meets 6000 hours W.O.M. test
Light fastness	> 7 on blue scale 1-8
Colour fastness	> 4 on gray scale 1-5
To sea water	ISO 105-E02 grade = 5
To chlorinated water (swimming pool)	ISO 105-E03 grade = 5
	Analysis report: 11.83371.03
D Backing	
Primary backing	Thiobac® 100% polypropylene, U.V. stabilised, ± 120 gr/m2
Coating	Carboxylated (SBR) latex, ± 988 gr/m2 with 4 mm perforation holes
Water permeability	> 180 mm/h
E Product details	
Pile height	± 25 mm ±10%
Total construction height	± 27 mm ±10%
Pile weight	± 1380 gr/m ² ±10%
Total weight	± 2488 gr/m ² ±10%
Gauge	3/8"
Stitch per m1	± 180 ±10
Stitch per m2	± 18900 ±10%
Filaments per m2	± 604800 ±10%
F Infill	
Stabilizing infill	Silica-sand, gradation 0.5 - 1.0 mm, minimum 80% round of shape
Recommendation	± 5-10 kg for stabilisation
G Installation & Handling	
Installation method	Loose laid on bound or unbound sub-base
Roll width	± 2 m1 + 4 m1 (± 2 cm)
Roll length	± 25 m1
H Fire classification	
Loose laid on a sand base	Class Efl
With sand infill (± 5 mm)	Class Cfl-s1
	Certification report: 13/1779
I Isolation	
Isolation (thermal resistance)	According to ISO 8302 – Test rapport: 12-076
J Characteristics	
	    
K Warranty	
Warranty	8 years warranty in Northern Europe 6 years warranty in Southern Europe

The data above are subject to typing errors and modifications based on technical improvements or company-internal developments. All data are higher than the DIN-standards. All figures are average values and can vary slightly.