



The best
alternative
to nature

CERTIFICATE OF QUALITY GUARANTEE

Date: June 10 2025

To whom it may concern,

We, Edel Grass Int. Genemuiden the Netherlands, producer of the artificial turf model Flashblade 40/13, hereby certify that the product meets the highest industry standards for durability and performance. We guarantee the stability and consistency of the turf's quality for a period of 8 (eight) years, under the following standard usage conditions:

- Daily use of up to 5 hours,
- Simultaneous use by up to 16 players.

This guarantee is valid provided that the turf is installed, maintained, and used in accordance with the manufacturer's guidelines and recommendations.

Sincerely yours

Edel Grass B.V.

EDEL GRASS BV
Fabrieksstraat 13
8281 BW GENEMUIDEN
THE NETHERLANDS

DECLARATION OF CONFORMITY TO PN-EN 15330-1:2008

Date April 03 2023

To Geothermal-AV Chisinau Moldova

To whom it may concern,

- **EDEL FLASHBLADE 40**

Herewith we declare that all our products are produced in compliance with the above mentioned norm PN-EN 15330-1:2008 and the parameters of the attached documents. All technical characteristics are in compliance with the attached technical data sheet.

Yours sincerely,

Edel Grass BV


EDEL GRASS BV
Fabrieksstraat 13
8281 BW GENEMUIDEN
THE NETHERLANDS



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EDEL SOCCER FLASHBLADE 40/13 SB-S

A Product

Product name EDEL SOCCER FLASHBLADE 40/13 SB-S
Application Football, Soccer

B Production

Producer EDEL GRASS B.V. - Genemuiden - The Netherlands
Production process tufted, cut pile

C Pile

Pile material polyethylene monofilament yarn,
environment friendly, UV-stabilised
Yarn Dtex 12180/6 Dtex
Cross-section of tapes width 1.2 mm ± 5%
thickness 335 µm ± 5%
Colour bicolour (field green and lime green)
Line colour white
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

D Backing

Primary backing Thiobac® polypropylene double layer,
UV-stabilised, total weight ± 222 gr/m²
Coating Carboxylated (SBR) latex, ± 988 gr/m² with 4 mm perforation holes
Water permeability > 180 mm/h

E Product details

Pile height	40 mm	± 10%
Total height	42 mm	± 10%
Pile weight	1128 gr/m ²	± 10%
Total weight	2338 gr/m ²	± 10%
Gauge	5/8"	
Stitches per m ¹	130	± 10
Stitches per m ²	8190	± 10%
Filaments per m ²	98280	± 10%

F Infill

Stabilizing infill silica-sand, gradation 0.5 - 1.2 mm,
min. 80% round of shape,
Amount 15 kg/m² (appr. 10 mm)
Performance infill SBR, gradation 0.8-2.5 mm
Amount 13 kg/m² (appr. 25 mm)

G Installation

Installation method loose laid on bound or unbound sub-base
Roll width 4 m¹ (± 2 cm)
Roll length according to installation schedule
Joints/seams the seams in the turf are joined with a reinforcing tape type 230 glued to the back of the turf
Line marking tufted-in or to be laid in by installation

KvdM20181102

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.



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EDEL SOCCER FLASHBLADE 50/13 SB-S

A Product	
Product name	EDEL SOCCER FLASHBLADE 50/13 SB-S
Application	Football, Soccer
B Production	
Producer	EDEL GRASS B.V. - Genemuiden - The Netherlands
Production process	tufted, cut pile
C Pile	
Pile material	polyethylene monofilament yarn, environment friendly, UV-stabilised
Yarn Dtex	12180/6 Dtex
Cross-section of tapes	width 1.2 mm ± 5% thickness 335 µm ± 5%
Colour	bicolour (field green and lime green)
Line colour	white
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
D Backing	
Primary backing	Thiobac® polypropylene double layer, UV-stabilised, total weight ± 222 gr/m ²
Coating	Carboxylated (SBR) latex, ± 988 gr/m ² with 4 mm perforation holes
Water permeability	> 180 mm/h
E Product details	
Pile height	50 mm ± 10%
Total height	52 mm ± 10%
Pile weight	1128 gr/m ² ± 10%
Total weight	2338 gr/m ² ± 10%
Gauge	5/8"
Stitches per m ¹	130 ± 10
Stitches per m ²	8190 ± 10%
Filaments per m ²	98280 ± 10%
F Infill	
Stabilizing infill	silica-sand, gradation 0.5 - 1.2 mm, min. 80% round of shape,
Amount	15 kg/m ² (appr. 10 mm)
Performance infill	SBR, gradation 0.8-2.5 mm
Amount	13 kg/m ² (appr. 25 mm)
G Installation	
Installation method	loose laid on bound or unbound sub-base
Roll width	4 m ¹ (± 2 cm)
Roll length	according to installation schedule
Joints/seams	the seams in the turf are joined with a reinforcing tape type 230 glued to the back of the turf
Line marking	tufted-in or to be laid in by installation

KvdM20181102

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PREFERRED PROVIDER FOR FOOTBALL TURF

CERTIFICATE

FIFA is pleased to confirm that
Edel Grass B.V.

Is classed as a PREFERRED PROVIDER for Football Turf

Valid

from 09/01/2025 to 08/04/2026

Total Quality Service is guaranteed by

- Additional expertise in civil engineering (subbase) and project management (general contractor)
- Full responsibility for the production, installation and maintenance from inception to completion
- High level of service and continuous development of football turf products
- Experience as a FIFA Quality Programme licensee with FIFA-certified fields

Gianni Infantino
Presidente de la Fédération Internationale de Football Association

www.FIFA.com/footballturf