

ONE-DNA™ ORION 40



EPD
VERIFIED ✓ ECI € 0,80 / m2

Type	Tufted artificial grass carpet	
Material	100% PE Monofilament & Monofilament curled (UV Stabilized)	
Yarn quality	Environmental friendly, free of lead and cadmium	
Dtex	Fibers 10.800/12 & thatch 5.000/8 (100% PE)	
ONE-DNA™ backing	ONE-DNA™ 100% PE 510 gr/m2 UV Stabilized	
Fixation fibers	Patented ONE-DNA™ technology	
Waterpermeability	≥ 650 liter/min/m2 - FreeFlow technology (EN 12616)	
Pile height	40 mm	± 2 mm
Face weight	1.898 gr/m2	± 10%
Total weight	2.408 gr/m2	± 10%
Tuft gauge	3/8 gauge	
Stitches per 10 cm linear	12	± 1%
Stitches per m2	12.600	± 10%
Colour	Mix of light and dark green + brown thatch	
UV stability	Meets DIN 53387 Standard (6000 hours)	
Colour fastness	Xenon Test: Blue Scale > 7, Grey-scale >	
Roll width	4m	
Roll length	25m	
Applications	Gardens, Landscaping	
Infill advice	Silica sand, gradation 0,5 - 1,0 mm, 80% roundshaped, 10 kg/m2	
Recycled content	Optional NEN-EN 15343	

Certifications

EPD Verified - ISO 14044

Circularity - A133330/R20220658

Hazardous substances (SVHC) - HKTEC2200931902 (EU 1272/2013)

Leaching - A136230/BU20221594

Value retention - A137310/R20231205

Safety - EN 71-3

Fire Safety - BFL-S1 with sand infill, CFL-S1 without sand infill - ISO 9239-1

Want to make impact?
ONE-DNA™



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one-dna.com