

## TECHNICAL SPECIFICATIONS RGE01 C

### 100% RECYCLABLE AND COOL

Type	Tufted cut pile, non fill synthetic yarn	
Yarn Material	100% PE monofilament C-Squared & PP monofilament	
Yarn Dtex	8.100 Dtex / 14 ply	
Yarn Quality	100% European product, free of lead and cadmium	
Primary Backing	100% PP with fibre-lock fleece	
Secondary Backing	Weight: approx. 160 gr/m2	+/- 10%
	PP Disp. Weight: approx. 250 gr/m2	+/- 10%
Tuft gauge	3/8'	
Pile Height	approx. 32 mm	+/- 10%
Total Height	approx. 34 mm	+/- 10%
Pile gross weight	approx. 1.320 gr/m2	+/- 10%
Total weight	approx. 1.730 gr/m2	+/- 10%
# stitches per cml	± 20	
# Knots per m2	approx. 21.000	+/- 10%
Lightfastness	Bluescale 1-8 > 7 (according DIN 54004)	
Colourfastness	Greyscale 1-5 > 4 (according DIN standard)	
UV Stability	8 years in moderate sunny regions	
	6 years in sunny regions	
Roll width	4 meters	+/- 1%
Roll length	Target length approx. 25 m	
Water permeability	> 60 l / min / m2	
Infill recommendation	In case of intensive use: Silica sand, gradation 0,5 – 0,10 mm / Min. 80% round-shaped Approx. 5 kg per m2 for stabilisation.	
Application	Lawns, public places, parks, roof terraces...	

## THE IDEA BEHIND RESIGRASS COOLING

Our ResiGrass Cooling Grass is the coolest invention since artificial grass is used for domestic purposes. And if we say cool, we mean very cool! Unlike natural grass, conventional artificial grasses can warm up to temperatures over 60 degree Celsius on a nice and sunny day. It warms up so much, that it disturbs your comfort.

But not these Cooling patented products! They have got special hydrophilic areas embedded in their polymer matrix that, like natural grass, soak up the humidity from rain or dew and gradually evaporates this humidity when temperatures rise. That's how you keep it cool!

An absolute breakthrough and surely one of the coolest innovations this decade.

**Just sit back, relax and stay cool!**