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**ReForm A New Wave Tiles**  
**Ecotrust 350, 100% Recycled**

Productdescription

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# ReForm A New Wave Tiles

## Ecotrust 350, 100% Recycled

Productdescription



DESCRIPTION	METHOD	DATA
<b>CONSTRUCTION CHARACTERISTICS</b>		
STRUCTURE	ISO 2424	Tufted loop pile - structured
GAUGE	ISO 2424	1/12
PILE MATERIAL	DIR 96/73, 96/74	Regenerated and regenerable PA
COLORATION	-	Millitron dyed
BACKING	ETL	Ecotrust 350, 100% recycled
DIMENSIONS	ISO 3018	48x48/96x96/24x96cm/Figura
TOTAL THICKNESS	ISO 1765	Apr 8,5 mm. 0.34"
SURFACE PILE THICKNESS	ISO 1766	Apr 4,0 mm.
TUFTS	ISO 1763	Apr 213.000 pr.m2
TOTAL CARPET WEIGHT	ISO 8543	Apr 3.050 g/m2 89.9 oz./yd2
PILE YARN WEIGHT	ETL	950 g/m2 28.03 oz./yd2
SURFACE PILE DENSITY	ISO 8543.	Apr 0,175 g/cm3

<b>PERFORMANCE CHARACTERISTICS</b>		
PERFORMANCE AREAS	EN 1307 Gulvbranchen	Class 33 - Commercial - Heavy Class 33
CASTOR CHAIR SUITABILITY	EN 985	Intensive use
SUITABILITY FOR USE ON STAIRS	EN 1963	Yes
STATIC CONTROL	ETL	Permanently antistatic
BODY WALKING TEST	ISO 6356	Antistatic
ACOU.INSU. FROM IMPACT NOISE	ISO 717-2	30 dB
ACOUSTICAL ABSORPTION	ISO 354	0,30 aW
THERMAL INSULATION	ETL	Apr 0,15 m2K/W
LIGHT REFLECTANCE	ETL	Testreport
COLOUR FASTNESS TO LIGHT	ISO 105-B02 AATCC 16	>5 5.0
COLOUR FASTNESS TO RUBBING WET	ISO 105-X12 AATCC 165	>3 5.0
COLOUR FASTNESS TO RUBBING DRY	ISO 105-X12 AATCC 165	>3-4 5.0
COLOURFAST. TO WATER PATTERNED	ISO 105-E01	>4
CLEANING	AATCC 138	5.0
COLOUR FAST.OXIDES OF NITROGEN	AATCC 164	4.0
OTHER PERFORMANCE TESTS	ASTM D5252 Hexapod -	4.0/ 4.5 Commercial - Heavy



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### SAFETY & ENVIRONMENT

FIRE CLASSIFICATION	ASTM E-648	Class 1
	ASTM E662 Smoke Density	<450
	ASTM D2859 Surface Flamm.	Pass
	EN 13501-1 Euroclass	Bfl-s1
CE LABELING	EN 14041	Certified
	CPR	1021-CPR-010-1/16
	Declaration of Performance	DOP 5B-PA-ECT350
	Notified body no.	1021
	Ce Year	14
	Content of PCP	DL
	Formaldehyde emission	NA
INDOOR CLIMATE	Slip resistance	Class DS
	M1	Approved
	RUSSIA	Approved
	Green Label Plus	Approved
	Emissions dans l'air intérieur	A+/A+
	Indoor Air Comfort Gold	Group 3
ENVIRONMENT	ABG	ABG-28-01-03-03-2018
	BASTA	Registered
	Byggvarubedömningen ID	124999 (ECTA)
	SundaHus score	B (ECTA)
	BREEAM International	Approved
	BREEAM-NOR	Approved
	Environmental Product Decl.	EPD-IES-0018124
	FDES	FDES Ege Tuft 950 ECT350
	C2C Certified Full Scope	Bronze, Version 4.0
	Recycled Content, ISO 14021	Apr 58,0 %
	Recycled Content for LEED	Apr 50,0 %
ECOproductNorway	Approved	
LEED	Qualified	
GWP Cradle to Gate (A1-A3)	6,79 KgCO2eq/m2	

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### GUIDES

INSTALLATION + ADHESIVE GUIDE	DK	Dansk
	N	Norsk
	S	Svensk
	GB	English
	D	Deutsch
	F	Francais
INSTALLATION TILES	Direction of installation	Quarter turn/ monolithic
CLEANING, STAIN REMOVAL	DK	Dansk
	N	Norsk
	S	Svensk
	GB	English
	D	Deutsch
	F	Francais

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### MANUFACTURER CHARACTERISTICS

FACTORY CERTIFICATION	ISO 9001	Audited and verified by BVC
	ISO 14001	Audited and verified by BVC
	ISO 45001	Audited and verified by BVC
	CRuk	Member of Carpet Recycling UK

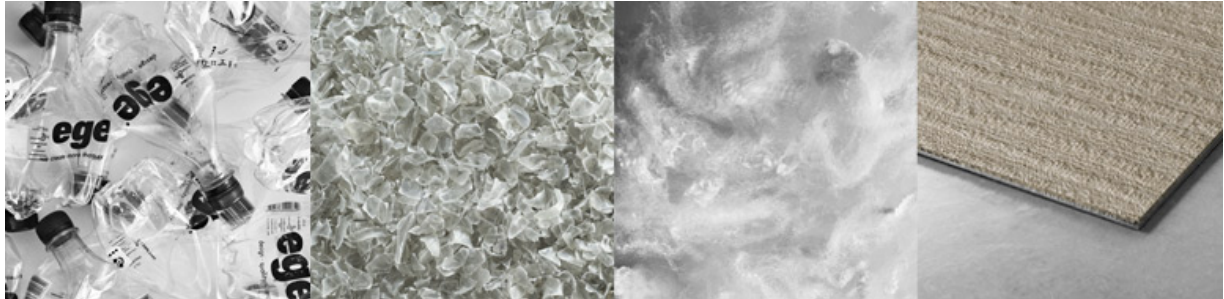
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### ECOTRUST

#### **We use backings made from recycled plastic bottles**

Some regard used plastic bottles as waste with no value. Others see them as “the source” of a vital resource that ensures survival and daily well-being. We take it a step further and regard used plastic bottles as a key ingredient in the manufacturing of our products. The plastic bottles are an important substance in our patented Ecotrust felt backing, with which all carpet tiles are equipped as standard and therefore also named after. The Ecotrust backing can also be chosen for selected wall-to-wall carpets.

With Ecotrust, you and your customer can specify a backing that takes the utmost consideration of the environment by finding a new and valuable use for a product that, seen in isolation, has come to the end of its life cycle. In doing so, you select a product which, without in any way compromising on design, function and quality, takes the utmost consideration of the only Earth we have. A planet that is not only important to us but also to future generations.

#### **From used plastic bottles to carpet backing**

Through an innovative manufacturing technique, used plastic bottles are first converted into plastic flakes and then into the soft fibres that are part of the PET-felt backing manufacturing process.

In addition to being made from recycled products, the felt has the eco-friendly quality of being regenerable. This means that after use, the felt can be broken down to its original chemical formula and become part of new PET products, for example, vehicle interiors and noise-reducing materials.

#### **Outstanding acoustic properties and underfoot comfort**

Our patented Ecotrust backing has more great features than just being the environmentally friendly choice for your floor projects. The soft felt material ensures optimum underfoot comfort in the rooms by creating a comfortable feel under the feet, which is neither too soft nor too yielding.

At the same time, the backings are so sturdy that they ensure optimum stability for the carpet tiles. This is important in terms of the quality of the tiling, including the nearly invisible joins that characterise our carpet tiles.

In addition, the Ecotrust backings feature unique acoustic advantages. For example, they reduce reverberations from speech and music very effectively. And the sound of footsteps is also absorbed by the soft material – not just in the individual room but also in the adjoining rooms. This is an advantage in office landscapes and hotels where many people move in close proximity, without it necessarily having to feel that way.

#### **Most of our carpets are Cradle to Cradle Bronze Certified®**

If you combine the Ecotrust backing with a carpet design crafted from the regenerated and regenerable yarn, you get a more sustainable carpet. The regenerated and regenerable yarns are based on used fishing nets and other industrial wastes which are converted into durable carpet yarns.

These carpets are Cradle to Cradle Certified®, and you are therefore guaranteed a carpet that is designed to be part of a closed-loop system that does not create waste – and which is made exclusively of materials that do not harm people and the environment.

We have a wide range of collections combining the Ecotrust backing with the regenerated and regenerable yarn, including all carpet tile collections from the ReForm family. The flat-woven collection Rawline Scala Tiles also falls into this category.

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### Regenerated and regenerable yarns

#### We use sustainable carpet yarns manufactured from industrial waste

Are you aware of the environmental impact of your products? Do you want to reflect your thoughtfulness in your product choices? Or is it simply a requirement from your customers that your product suggestions take the utmost consideration of the world around us and the people who live in it? Then you're well on your way to making a carpet choice that puts action behind your own and your customers' eco-friendly intentions.

We give you the opportunity to choose from a number of collections with a variety of sustainable properties. In other words, virtually the entire carpet palette is available to you and with us you can choose between standard and custom designs, as well as carpets in tile form and wall-to-wall. In addition, there's a wide variety of different constructions, in which an innovative and multidimensional pile, for example, defines the extraordinary look of the carpet.

#### From fishing nets to carpet yarns

Many of our collections are made from regenerated and regenerable yarn. The fact that the yarn is regenerated simply means that it's manufactured from waste products in a particular type of nylon (Nylon 6). That the yarn is regenerable means that after use it can be converted into new nylon products. This allows the regenerated yarn to be incorporated into a closed-loop system in which it can be converted again and again into new yarn.

The yarn manufacturers specialise in collecting used nylon products which:

- have reached the end of their product life (example: used carpeting)
- have been left in the wild or industrial areas (example: discarded fishing nets left behind in the oceans)
- are residual products from the manufacturing of other products (example: textile waste products from clothing manufacturing)

All three examples involve a refining process. For the used carpets, the carpet fibres are cut away from the backing. The used fishing nets are cleaned and cut into smaller pieces, and the textile waste products are also cut into small pieces.

Next, they enter the same refining process where they break down into their original chemical formula in the form of nylon chips. They are then included as raw materials in the manufacturing of new Nylon 6 nylon products – including carpet yarn.

#### Think sustainable – and let it reflect your actions

Our regenerated and regenerable yarns are eco-friendly alternatives for those projects characterised by thinking about people and the environment in a broader sense than just the specific working environment. Without in any way compromising design and quality, the collections are helping to take care of the land that we'll pass on to future generations. And this makes them a very specific choice that you and your customers can take to help make a difference.

Combined with our carpet tiles' patented Ecotrust backing, made from used water bottles, you get a more sustainable floor design. In addition, this combination of carpet and backing ensures that your carpet is Cradle to Cradle Certified®. This means that the carpets are crafted from materials that don't harm the environment and people, and they don't generate waste.

#### Large selection of collections

You will find the regenerated and regenerable yarns in the majority of our collections. Regenerated yarns are found in all our ReForm collections and the flat-woven Rawline Scala collection. Also the Highline concept's preferred quality; Highline 1100, which is a popular choice for designer collections such as Industrial Landscape by Tom Dixon and Atelier by Monsieur Christian Lacroix. And the most budget-friendly Highline quality; Highline Carré, is also crafted from the sustainable regenerated yarns.



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### **Most of our carpets are 100% Cradle to Cradle Bronze Certified®**

**We want to leave the right footprint and make sustainability available to everyone.**

The Cradle to Cradle Certified Product Standard helps us do exactly that and therefore most of our carpets are Cradle to Cradle Certified® Bronze.

With this product certificate, we prove to the world that we do our utmost to keep valuable materials in circulation, cut down on waste and harmful substances, take better care of our scarce resources, sustain the groundwater, reduce CO2 emissions and ensure social fairness in our operations and value chain.

**Cradle to Cradle Certified® is the only choice**

With our carpets, it's easier than ever before to choose sustainably. You can pick your very own favourite from thousands of colours, patterns, structures and qualities and in addition, many of our carpets are Cradle to Cradle Certified® Bronze which means that you can leave the people and planet care taking to us, while focusing your own attention on our great selection of designs.