

## POSITION PAPER:

EcoSoft® Recycled and Recyclable Material

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Single-use drinking water bottles are a significant contributor to the global war on plastic waste and are having a huge impact on our Earth's ecosystems...



### Did you know:

- It takes about three times as much water to produce a 1-liter bottle, than the 1 liter of water it holds. This means that three liters of water is used to manufacture a single water bottle that holds 1-liter of water...!
- Only 1 in 5 plastic bottles are ever recycled
- Plastic water bottles can take between 400 and 1,000 years to decompose
- Bottled water costs over 1,000+ times more to produce than tap water
- Most tap water is more heavily tested and regulated than bottled water
- In many taste tests, tap water was preferred over bottled water

### Question:

*How many single use water bottles does it take to make 1 square meter of high-performance PET Fiber cushion carpet backing?*

### Answer:

*Our proprietary EcoSoft® PET Felt cushion back recycles over 50 single-use 550ml. water bottles into manufacturing 1 Square Meter of EcoSoft® back carpet tile.*

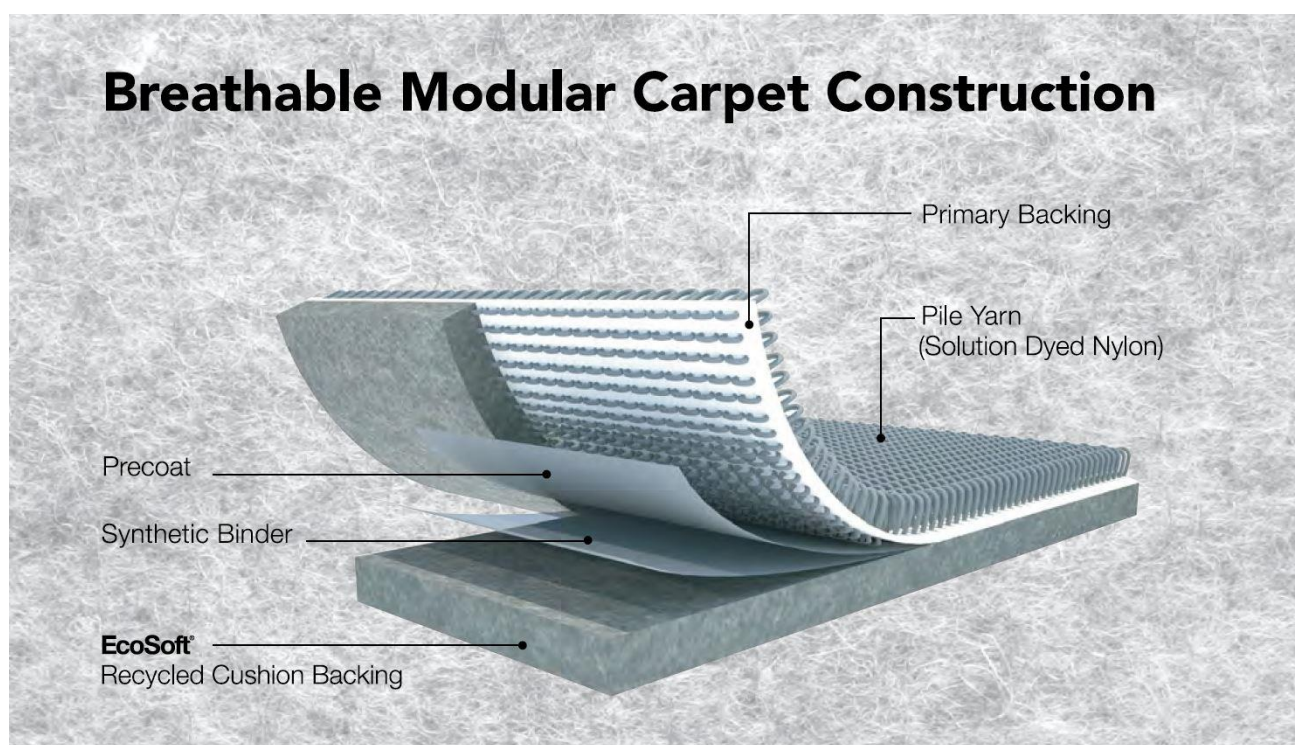


To date Carpets Inter have already recycled over 787 Million PET bottles into EcoSoft®, diverting them from potentially polluting our planet...



**Be a part of this mission!**

EcoSoft® is made from 80% post-consumer material reengineered from millions of discarded single-use drinking water bottles, plus 5 to 10% post-industrial recycled PET. This environmentally friendly backing not only meets all the stringent performance criteria required for modular carpet, but consistently out performs conventional PVC, bitumen and other hard backed modular carpet tiles, as well as urethane cushion back in terms of durability, underfoot comfort, acoustical propensity and indoor air quality for wellness.



# General Specifications

## Performance

End Use Classification	: BS EN 1307 Class 33 - Heavy Commercial
Caster Chair Index	: BS EN 985 > 2.4
Dimensional Stability	: BS EN 986 < 0.15%
Electrostatic Propensity	: AATCC 134 < 3 KV
Colorfastness to Light	: ISO 105 B02 min L6

## Flammability

Hot Metal Nut	: BS 4790 Low Radius
Radiant Panel Test	: ASTM E648 Class 1
Smoke Density	: ASTM E662 < 450
Surface Flammability	: ASTM D 2859 Passes

## Acoustic

Sound Absorption	: BS EN ISO 354 NRC 0.30 or higher (Superior Noise Reduction)
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# EcoSoft Outstanding Features

- > Performance Enhancement
- > Superior Dimensional Stability
- > Cushioning Effect reduces Leg Fatigue
- > Reduces Carpet Fiber Crush, Wear and Tear
- > Superior Sound Absorption - Twice any Hard Backing
- > PVC and Bitumen Free
- > Environmentally Friendly, No Fiberglass Used
- > Uses Post-Consumer Recycled Content
- > 100% Recyclable

In view of the superior properties outlined above, carpet tiles with EcoSoft® backing are the ideal choice for intensive use locations, including airports, convention, public building offices, education facilities, retail stores and most heavy traffic locations.



## Sustainability Carpet

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- ✓ 100% Recyclable
  - ✓ Compliance to Indoor Air Quality by Carpet and Rug Institute monitoring program
  - ✓ Low Volatile Organic Compounds (VOCs) into the air improve workplace health & safety
  - ✓ NSF 140 - Sustainable Carpet Standard
  - ✓ ECS - Australian Environmental Certification Scheme
  - ✓ LEED - Leadership in Energy & Environmental Design
  - ✓ SGBC - Singapore Green Building Product
  - ✓ CE Mark - Conformity of European Safety Standard
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