Costa

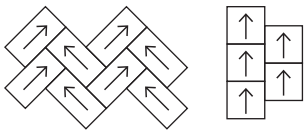
Technical Specifications

Collection Name	Costa
Yarn	100% Nylon 6
Construction	Multi-Level Loop
Dye Method	Solution Dyed
Gauge	1/11 inch
Stitches Per Inch	12 per inch
Pile Height	3.5 mm (+/-0.5 mm)
Total Thickness	7.5 mm (+/-0.5 mm)
Pile Weight	19 oz/sy (645 gm/sm)
Total Weight	90 oz/sy (2700 gm/sm +/-200 gm/sm)
Primary Backing	Non-woven
Secondary Backing	PVC FREE-ECOTEC® (80% post-consumer PET bottles)
Packing	20 pcs (10sm/box)

Performance Specifications

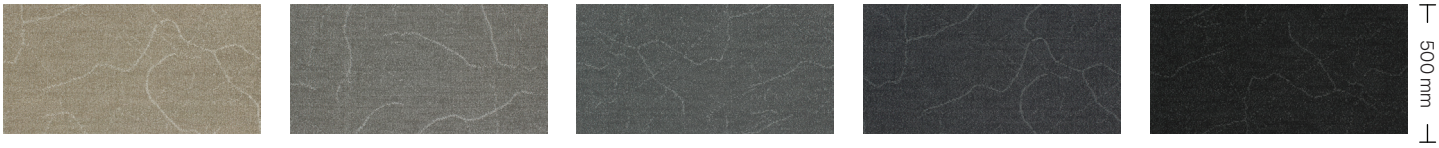
Colorfastness	Grade 5 - No Change (AATCC 16)
Flammability	Class I (ASTM E648)
Smoke Density	Passed (ASTM E662)
Static Propensity	≤3.5 kV (AATCC-134)
Sound Absorption	ASTM C423 NRC 0.25 or Higher
SGBC	Leader ✓✓✓✓
Declare Label	Declare Certified
Warranty	10 years
Wear Classification	Heavy

Installation Method



Herringbone Ashlar

Costa



COS18 Cream **COS19** Silver **COS07** Grey **COS09** Pewter **COS13** Steel

COS09 Pewter (60%) + COS13 Steel (40%) | Random Ashlar Installation

SINGAPORE GREEN BUILDING PRODUCT SGBC LEADER SGBP 5145

ECOTEC®

Carpet Tile Backing

ECOTEC® is a high-performance, cushion backing made primarily from recycled PET (plastic) bottles.
It's engineered to improve the comfort, acoustic performance, and sustainability of carpet tiles.

Advantages

- **Eco-Friendly & Sustainable**
  Manufactured with the environment in mind, this product is 100% recyclable, supporting sustainable building practices and reducing landfill waste.

- **Comfortable Cushioning Effect**
  The soft cushioned backing absorbs foot impact, reducing strain on joints and muscles while improving overall walking comfort — ideal for high-traffic or standing areas.

- **Enhanced Carpet Durability**
  The cushioning layer helps prolong carpet life by reducing wear and tear, especially in commercial and busy spaces.

- **Superior Sound Absorption**
  Excellent acoustic performance helps minimize footstep and ambient noise, contributing to a quieter, more comfortable indoor environment.

- **Improved Indoor Air Quality**
  Made from clean, low-emission materials that support healthier interiors, making it ideal for offices, hospitality, and wellness-focused spaces.

- **Outstanding Dimensional Stability**
  Engineered to stay flat and maintain its form, ensuring a professional and seamless installation without curling or shifting.

- **Free from Harmful Materials**
  Contains no PVC, plasticizers, or bitumen — reducing environmental and health impacts often associated with traditional backing systems.

Note:

- As with all quality carpets, minor color differences may appear between dye lots.
- Product specifications are based on standard manufacturing tolerances. Slight variations may occur but will not impact performance.
- To maintain appearance and minimize wear, the use of protective chair pads is recommended under office chairs with castor wheels.