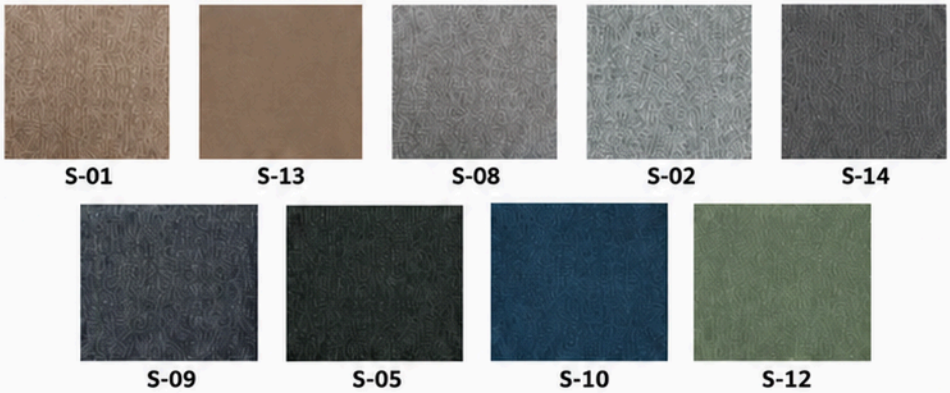
TECHNICAL DATA SHEET

SPRING / LEVEL LOOP CARPET TILE

AVAILABLE COLORS



S-01 S-13 S-08 S-02 S-14

S-09 S-05 S-10 S-12

PRODUCT SPECIFICATIONS

Product Construction	Tufted Level Loop
Yarn System	100% Polypropylene
Dye Method	100% Solution Dyed
Primary Backing	Polyester
Secondary Backing	PVC reinforced with fiberglass
Tufted Yarn Weight	450 g/sqm
Machine Gauge	39.37 ends / 10cm (1/12 in)
Pile Height	3 mm
Stitches	45 ends / 10cm
Number of Tufts	177165 / sqm
Size	50 cm × 50 cm
Tile Thickness	5 mm
Total Weight	3.6-3.8 kg/sqm

PERFORMANCE

Flooring Radiant Panel	(ASTM E-648) Passes
Smoke Density	(ASTM E-662) <450
Flammability	(ASTM D2859) Passes
Color Fastness	ASTM D5252-2020 / ISO 9405:2015, >5
Static	GB/T 18044-2008, 1.0KV
Tuft Anchorage	ASTM D1335
Dimensional Stability	ASTM D7570-09 < 0.2%

HEALTH + ENVIRONMENTAL SPECIFICATIONS

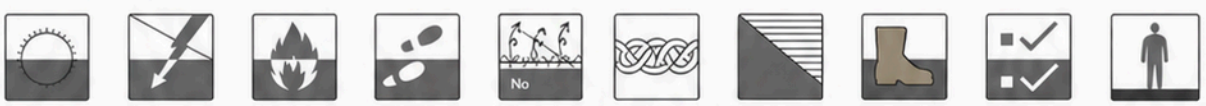
TVOC	ISO 16000-6-2011, Grade A, <0.5 mg/sqm h
Formaldehyde	GB/T 18204.2-2014, Grade A, <0.05 mg/sqm h
Styrene	ISO 16000-6-2011, Grade A, <0.4 mg/sqm h
4-Phenylcyclohexene	ISO 16000-6-2011, Grade A, <0.05 mg/sqm h

INSTALLATION METHOD



Ashlar Quarter Turn Monolithic Brick Random

ADVANTAGE



Ultraviolet Resistance · Antistatic · Reduced Flammability · Wear Resistance · No Fuzzing · 100% B.C.F Yarn · Dimensional Stability · Anti-slip · Paired Various Types · Comfortable