



Recommended Axminster Specifications

The following table provides recommended product specifications for typical commercial Axminster applications

Application	General Wear	Heavy Wear	Extra Heavy Wear
Foot traffic per day	250 - 750	750 - 2500	> 2500
Ballroom / Prefunction	Quality: Axminster B080-070 Pile: 80% Wool 20% Nylon 8 Row – 3 Ply 40 oz per yd ² / 1355gr per m ² – .280"/ 7.0mm	Quality: Axminster B090-070 Pile: 80% Wool 20% Nylon 9 Row – 3 Ply 44 oz per yd ² / 1490gr per m ² – .280"/ 7.0mm	Quality: Axminster B100-070 Pile: 80% Wool 20% Nylon 10 Row – 3 Ply 48 oz per yd ² / 1615gr per m ² – .280"/ 7.0mm
Casinos (24hr. use)	Quality: Axminster B090-070 Pile: 80% Wool 20% Nylon 9 Row – 3 Ply 44 oz per yd ² / 1490gr per m ² – .280"/ 7.0mm	Quality: Axminster B100-070 Pile: 80% Wool 20% Nylon 10 Row – 3 Ply 48 oz per yd ² / 1615gr per m ² – .280"/ 7.0mm	Quality: Axminster B110-070 Pile: 80% Wool 20% Nylon 11 Row – 3 Ply 52 oz per yd ² / 1763gr per m ² – .280"/ 7.0mm
Cinemas / Theaters	Quality: Axminster B070-070 Pile: 80% Wool 20% Nylon 7 Row – 3 Ply 36 oz per yd ² / 1209gr per m ² – .280"/ 7.0mm	Quality: Axminster B080-070 Pile: 80% Wool 20% Nylon 8 Row – 3 Ply 40 oz per yd ² / 1355gr per m ² – .280"/ 7.0mm	Quality: Axminster B090-070 Pile: 80% Wool 20% Nylon 9 Row – 3 Ply 44 oz per yd ² / 1490gr per m ² – .280"/ 7.0mm
Convention Centers	Quality: Axminster B090-070 Pile: 80% Wool 20% Nylon 9 Row – 3 Ply 44 oz per yd ² / 1490gr per m ² – .280"/ 7.0mm	Quality: Axminster B100-070 Pile: 80% Wool 20% Nylon 10 Row – 3 Ply 48 oz per yd ² / 1615gr per m ² – .280"/ 7.0mm	Quality: Axminster B110-070 Pile: 80% Wool 20% Nylon 11 Row – 3 Ply 52 oz per yd ² / 1763gr per m ² – .280"/ 7.0mm
Guest Room	Quality: Axminster B060-070 Pile: 80% Wool 20% Nylon 6 Row – 3 Ply 32 oz per yd ² / 1085gr per m ² – .280"/ 7.0mm	Quality: Axminster B070-070 Pile: 80% Wool 20% Nylon 7 Row – 3 Ply 36 oz per yd ² / 1209gr per m ² – .280"/ 7.0mm	Quality: Axminster B080-070 Pile: 80% Wool 20% Nylon 8 Row – 3 Ply 40 oz per yd ² / 1355gr per m ² – .280"/ 7.0mm
Guest Room Corridors	Quality: Axminster B070-070 Pile: 80% Wool 20% Nylon 7 Row – 3 Ply 36 oz per yd ² / 1209gr per m ² – .280"/ 7.0mm	Quality: Axminster B080-070 Pile: 80% Wool 20% Nylon 8 Row – 3 Ply 40 oz per yd ² / 1355gr per m ² – .280"/ 7.0mm	Quality: Axminster B090-070 Pile: 80% Wool 20% Nylon 9 Row – 3 Ply 44 oz per yd ² / 1490gr per m ² – .280"/ 7.0mm
Lobby / Public Spaces	Quality: Axminster B080-070 Pile: 80% Wool 20% Nylon 8 Row – 3 Ply 40 oz per yd ² / 1355gr per m ² – .280"/ 7.0mm	Quality: Axminster B090-070 Pile: 80% Wool 20% Nylon 9 Row – 3 Ply 44 oz per yd ² / 1490gr per m ² – .280"/ 7.0mm	Quality: Axminster B100-070 Pile: 80% Wool 20% Nylon 10 Row – 3 Ply 48 oz per yd ² / 1615gr per m ² – .280"/ 7.0mm
Restaurants	Quality: Axminster B080-070 Pile: 80% Wool 20% Nylon 8 Row – 3 Ply 40 oz per yd ² / 1355gr per m ² – .280"/ 7.0mm	Quality: Axminster B090-070 Pile: 80% Wool 20% Nylon 9 Row – 3 Ply 44 oz per yd ² / 1490gr per m ² – .280"/ 7.0mm	Quality: Axminster B100-070 Pile: 80% Wool 20% Nylon 10 Row – 3 Ply 48 oz per yd ² / 1615gr per m ² – .280"/ 7.0mm
Retail	Quality: Axminster B070-070 Pile: 80% Wool 20% Nylon 7 Row – 3 Ply 36 oz per yd ² / 1209gr per m ² – .280"/ 7.0mm	Quality: Axminster B080-070 Pile: 80% Wool 20% Nylon 8 Row – 3 Ply 40 oz per yd ² / 1355gr per m ² – .280"/ 7.0mm	Quality: Axminster B090-070 Pile: 80% Wool 20% Nylon 9 Row – 3 Ply 44 oz per yd ² / 1490gr per m ² – .280"/ 7.0mm
Spike-Resistant	Quality : Axminster B090-085 Pile: 80% Wool 20% Nylon 9 Row – 3 Ply 51 oz per yd ² / 1710gr per m ² – .335"/ 8.5mm	Quality: Axminster B100-085 Pile: 80% Wool 20% Nylon 10 Row – 3 Ply 55 oz per yd ² / 1860gr per m ² – .335"/ 8.5mm	Quality: Axminster B110-085 Pile: 80% Wool 20% Nylon 11 Row – 3 Ply 59 oz per yd ² / 2000gr per m ² – .335"/ 8.5mm

All specifications subject to normal manufacturing tolerances. DESSO® flooring products are to be installed in full accordance with Desso's installation instructions and recognized trade standards. An effective, regular cleaning and maintenance programme is vital for retaining a high appearance level. DESSO® flooring products should only be used as floorcoverings.

Note: Tarkett reserves the right to amend this specification without giving prior notice. For the latest versions of the technical specifications, visit www.desso.com.





Custom Axminster – 80% Wool / 20% Nylon – 3 Ply

Quality	6 Row	7 Row	8 Row	9 Row	10 Row	11 Row
Type of manufacture	Woven Axminster - Electronic Jacquard	Woven Axminster - Electronic Jacquard	Woven Axminster - Electronic Jacquard	Woven Axminster - Electronic Jacquard	Woven Axminster - Electronic Jacquard	Woven Axminster - Electronic Jacquard
Fibers	80% Premium Grade Virgin Wool / 20% Nylon	80% Premium Grade Virgin Wool / 20% Nylon	80% Premium Grade Virgin Wool / 20% Nylon	80% Premium Grade Virgin Wool / 20% Nylon	80% Premium Grade Virgin Wool / 20% Nylon	80% Premium Grade Virgin Wool / 20% Nylon
Yarn Ply	3 Ply - 3/42	3 Ply - 3/42	3 Ply - 3/42	3 Ply - 3/42	3 Ply - 3/42	3 Ply - 3/42
Dye Method	Hank Dyed	Hank Dyed	Hank Dyed	Hank Dyed	Hank Dyed	Hank Dyed
Twist Coefficient	3.3 per inch	3.3 per inch	3.3 per inch	3.3 per inch	3.3 per inch	3.3 per inch
Rows per Inch	6	7	8	9	10	11
Pitch per Inch	7	7	7	7	7	7
Pile Height	0.28 inch 7mm	0.28 inch 7mm	0.28 inch 7mm	0.28 inch 7mm	0.28 inch 7mm	0.28 inch 7mm
Total Thickness	0.35 inch 9.0 mm	0.35 inch 9.0 mm	0.35 inch 9.0 mm	0.35 inch 9.0 mm	0.35 inch 9.0 mm	0.35 inch 9.0 mm
Total mass		51.1 oz/yd ² 1730 gr/m ²	51.9 oz/yd ² 1760 gr/m ²	56.1 oz/yd ² 1900 gr/m ²	51.1 oz/yd ² 1730 gr/m ²	64.9 oz/yd ² 2200 gr/m ²
Effective Pile Mass	22 oz/yd ² 746 gr/m ²	24.6 oz/yd ² 835 gr/m ²	27.2 oz/yd ² 920 gr/m ²	30.0 oz/yd ² 1015 gr/m ²	32.5 oz/yd ² 1100 gr/m ²	34.7 oz/yd ² 1175 gr/m ²
Total Pile Mass	32 oz/yd ² 1085 gr/m ²	35.7oz/yd ² 1209 gr/m ²	40.0 oz/yd ² 1355 gr/m ²	44.0 oz/yd ² 1490 gr/m ²	47.7 oz/yd ² 1615 gr/m ²	51.1 oz/yd ² 1730 gr/m ²
Warp	Polyester-based	Polyester-based	Polyester-based	Polyester-based	PPolyester-based	Polyester-based
Weft	Polypropylene	Polypropylene	Polypropylene	Polypropylene	Polypropylene	Polypropylene
Secondary Backing	Copolymer	Copolymer	Copolymer	Copolymer	Copolymer	Copolymer
Width	13.1 ft / 400 cm	13.1 ft / 400 cm	13.1 ft / 400 cm	13.1 ft / 400 cm	13.1 ft / 400 cm	13.1 ft / 400 cm
Light Fastness ISO 105-B02	≥5	≥5	≥5	≥5	≥5	≥5
Water Fastness ISO 105-E01	≥4	≥4	≥4	≥4	≥4	≥4
Rubbing Fastness ISO 105-X12	≥3	≥3	≥3	≥3	≥3	≥3
Flammability:						
ASTM E-648 Radiant Flux	Class 1 ≥0.5 W/cm ²	Class 1 ≥0.5 W/cm ²	Class 1 ≥0.5 W/cm ²	Class 1 ≥0.5 W/cm ²	Class 1 ≥0.5 W/cm ²	Class 1 ≥0.5 W/cm ²
ASTM E-662 Smoke Density	≤ 450	≤ 450	≤ 450	≤ 450	≤ 450	≤ 450
ASTM D-2859-76 Pill Test	Pass	Pass	Pass	Pass	Pass	Pass
EN 13501-1	C _{fl} – s1 (glued tested)	C _{fl} – s1 (glued tested)	C _{fl} – s1 (glued tested)	C _{fl} – s1 (glued tested)	C _{fl} – s1 (glued tested)	C _{fl} – s1 (glued tested)
Use classification EN1307	33 Commercial - heavy use	33 Commercial - heavy use	33 Commercial - heavy use	33 Commercial - heavy use	33 Commercial - heavy use	33 Commercial - heavy use
Luxury rating EN1307	LC3	LC4	LC4	LC5	LC5	LC5
Thermal Resistance ISO 8302	0.16 m ² .K/W	0.156 m ² .K/W	0.155 m ² .K/W	0.159 m ² .K/W	0.150 m ² .K/W	0.150 m ² .K/W

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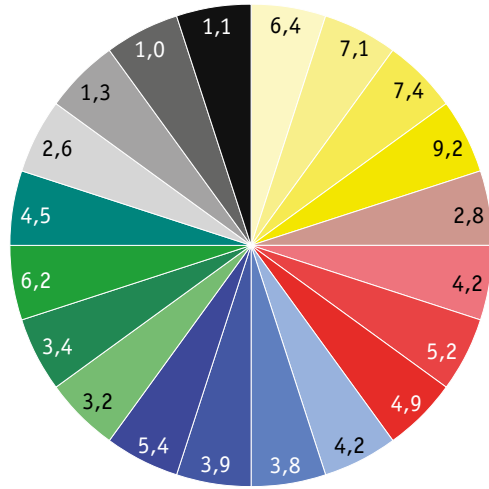
Colour / soiling relationship

After 20,000 foot traffics, bright yellow shows soil 9.2 times more than mid-gray (scale=1).

Dark colours lighten due to pile flattening.

Lightest colours will darken due to soiling.

Mid Range-Dark colours will remain relatively unchanged.



Weights and quality explained

Weights explained

EPW – Effective Pile Weight

Important indicator of product quality
The weight of the pile yarns in the wear layer, excluding backing yarns

TPW – Total Pile Weight

Not a real indicator of product quality
The weight of the pile yarns in the wear layer, including backing yarns

TW – Total Weight

No indicator of product quality
The weight of the pile yarns in the wear layer, including backing yarns and backing materials

DESSO® Quality explained

The quality of Axminster carpets is determined by:

Blend of wool fibers

Sheep breeds, fiber type, fiber lengths, fiber thickness, fiber grade

Construction of the carpet

Machinery & backing materials

Effective Pile Weight

Only indicator for wear, tear and luxury rating (EN1307)

Density

7, 8, 9, 10, 11 Rows per inch

Pile height

Not recommended to go higher than 8.00 mm (increased risk of Shading / Pile Reversal)

State-of-the-art weaving looms

Tarkett invested in completely new, state-of-the-art weaving looms, which allow us to produce superior carpets with a variety of weights.

Super single weft, no more double weft

Saves weight in the backing construction

Superior SB Latex, lightweight

Saves weight in the backing construction

Reduce yarns in the backing

Saves weight in the backing construction, less latex required

Superior long, thin wool fibers

Saves weight overall and increases quality

Highest Quality Standards

EN 1307 Wear, Tear and Luxury Rating class