
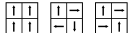












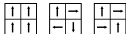
# tessera<sup>®</sup> basis technical specifications

	Description	Tufted loop pile carpet tile
	Dimensions / tiles per box	50cm x 50cm / 20 tiles per box
	Total thickness	6,0mm ± 10%
	Installation Method	Broadloom, 1/4 turn, or tessellated 
	Pile composition	100% Aquafil polyamide
	Dye Method	Space dyed
	Pile Weight	520gsm ± 10%
	Total weight	3,835gsm ± 10%
	Stitch density	Tufts per m2
		204,880 /m <sup>2</sup> ± 10%
	Primary backing	Polyester
	Secondary backing	Modified bitumen & polyester fleece
	Application	EN 1307
		Class 33, suitable for any type of heavy contract application
	Dimensional stability	EN 986
		≤0.2 %
	Castor chair	EN 985
		Minimum R Value: ≥ 2.4
	Light fastness	EN ISO 105-B02
		>5
	Impact sound reduction	ISO 140-8
		22dB
	Electrical resistance	EN 10965 & EN1815
		<1 x 10 <sup>9</sup> Ω: Static dissipative. Body voltage < 2kV.
	Environmental	Material used in the construction of Tessera carpet tiles are chosen for their low volatile organic compound (VOC) levels. All Tessera carpet tiles are manufactured using 100% green electricity.
	Guarantee	Basis is guaranteed for 10 years under heavy contract conditions provided that it has been professionally fitted by a recognised contractor and regularly maintained in accordance with the Forbo requirements currently in force.
	Basis meets the requirements of EN 14041	
	Reaction to fire	EN 13501-1
		B <sub>s</sub> s1
	Slip resistance	EN 13893
		DS: ≥ 0,30

Forbo Flooring reserves the right to improve the specification of its products without giving prior notice. Errors and omissions excepted.

# tessera<sup>®</sup> apex 640 technical specifications

















Description		Tufted loop pile carpet tile
Dimensions / tiles per box		50cm x 50cm / 20 tiles per box
Total thickness		6,0mm ± 10%
Installation Method		Broadloom, 1/4 turn, or tessellated 
Pile composition		100% Aquafil Alto Chroma polyamide
Dye Method		solution dyed
Pile Weight		640gsm ± 10%
Total weight		3,955gsm ± 10%
Stitch density	Tufts per m2	189,120 /m2 ± 10%
Primary backing		Polyester
Secondary backing		Modified bitumen & polyester fleece
Application	EN 1307	Class 33, suitable for any type of heavy contract application
Dimensional stability	EN 986	≤0.2 %
Castor chair	EN 985	Minimum R Value: ≥ 2.4
Light fastness	EN ISO 105-B02	>5
Impact sound reduction	ISO 140-8	24dB
Electrical resistance	EN 10965 & EN1815	<1 x 10 <sup>9</sup> Ω: Static dissipative. Body voltage < 2kV.
Environmental		Material used in the construction of Tessera carpet tiles are chosen for their low volatile organic compound (VOC) levels. All Tessera carpet tiles are manufactured using 100% green electricity.
Guarantee		Apex 640 is guaranteed for 10 years under heavy contract conditions provided that it has been professionally fitted by a recognised contractor and regularly maintained in accordance with the Forbo requirements currently in force.
Apex meets the requirements of EN 14041		
Reaction to fire	EN 13501-1	B <sub>f</sub> s1
Slip resistance	EN 13893	DS: ≥ 0,30




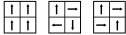










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# tessera® format technical specifications

		Description	Textured loop pile carpet tile
		Dimensions / tiles per box	50cm x 50cm / 20 tiles per box
		Total thickness	6,1mm ± 10%
		Installation Method	Broadloom, 1/4 turn, or tessellated   
		Pile composition	100% Aquafil polyamide
		Dye Method	80% solution dyed, 20% space dyed
		Pile Weight	525gsm ± 10%
		Total weight	4,140gsm ± 10%
		Stitch density	Tufts per m2
			255,312 /m2 ± 10%
		Primary backing	Polyester
		Secondary backing	Modified bitumen & polyester fleece
		Application	EN 1307
			Class 33, suitable for any type of heavy contract application
		Dimensional stability	EN 986
			≤0,2 %
		Castor chair	EN 985
			Minimum R Value: ≥ 2.4
		Light fastness	EN ISO 105-B02
			>5
		Impact sound reduction	ISO 140-8
			25dB
		Electrical resistance	EN 10965 & EN1815
			<1 x 10 <sup>9</sup> Ω: Static dissipative. Body voltage < 2kV.
		Environmental	Material used in the construction of Tessera carpet tiles are chosen for their low volatile organic compound (VOC) levels. All Tessera carpet tiles are manufactured using 100% green electricity.
		Guarantee	Format is guaranteed for 10 years under heavy contract conditions provided that it has been professionally fitted by a recognised contractor and regularly maintained in accordance with the Forbo requirements currently in force.
		Format meets the requirements of EN 14041	
		Reaction to fire	EN 13501-1
			B <sub>n</sub> s1
		Slip resistance	EN 13893
			DS: ≥ 0,30













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# tessera® inline technical specifications

	Description	Tufted multi-pile height loop pile carpet tile
	Dimensions / tiles per box	50cm x 50cm / 16 tiles per box
	Total thickness	7,5mm ± 10%
	Installation Method	Broadloom, 1/4 turn, or tessellated 
	Pile composition	100% Universal polyamide 6,6
	Dye Method	Solution dyed
	Pile Weight	540gsm ± 10%
	Total weight	4,155gsm ± 10%
	Stitch density      Tufts per m2	236,400 /m <sup>2</sup> ± 10%
	Primary backing	Polyester
	Secondary backing	Modified bitumen & polyester fleece
	Application	EN 1307      Class 33, suitable for any type of heavy contract application
	Dimensional stability	EN 986      ≤0.2 %
	Castor chair	EN 985      Minimum R Value: ≥ 2.4
	Light fastness	EN ISO 105-B02      >5
	Impact sound reduction	ISO 140-8      25dB
	Electrical resistance	EN 10965 & EN1815      <1 x 10 <sup>9</sup> Ω: Static dissipative. Body voltage < 2kV.
	Environmental	Material used in the construction of Tessera carpet tiles are chosen for their low volatile organic compound (VOC) levels. All Tessera carpet tiles are manufactured using 100% green electricity.
	Guarantee	Inline is guaranteed for 10 years under heavy contract conditions provided that it has been professionally fitted by a recognised contractor and regularly maintained in accordance with the Forbo requirements currently in force.
	Inline meets the requirements of EN 14041	
	Reaction to fire	EN 13501-1      B <sub>f</sub> s1
	Slip resistance	EN 13893      DS: ≥ 0,30

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# tessera® helix technical specifications

	Description	Tufted multi-pile height loop pile carpet tile
	Dimensions / tiles per box	50cm x 50cm / 16 tiles per box
	Total thickness	8,0mm ± 10%
	Installation Method	¼ turn, or tessellated 
	Pile composition	100% Invista Antron Excel SC polyamide 6,6
	Dye Method	Solution dyed
	Pile Weight	740gsm ± 10%
	Total weight	4,355gsm ± 10%
	Stitch density	Tufts per m2
		222,216 /m² ± 10%
	Primary backing	Polyester
	Secondary backing	Modified bitumen & polyester fleece
	Application	EN 1307
		Class 33, suitable for any type of heavy contract application
	Dimensional stability	EN 986
		≤0.2 %
	Castor chair	EN 985
		Minimum R Value: ≥ 2.4
	Light fastness	EN ISO 105-B02
		>5
	Impact sound reduction	ISO 140-8
		25dB
	Electrical resistance	EN 10965 & EN1815
		<1 x 10 <sup>9</sup> Ω: Static dissipative. Body voltage < 2kV.
	Environmental	Material used in the construction of Tessera carpet tiles are chosen for their low volatile organic compound (VOC) levels. All Tessera carpet tiles are manufactured using 100% green electricity.
	Guarantee	Helix is guaranteed for 10 years under heavy contract conditions provided that it has been professionally fitted by a recognised contractor and regularly maintained in accordance with the Forbo requirements currently in force.
	Helix meets the requirements of EN 14041	
	Reaction to fire	EN 13501-1
		B <sub>n</sub> s1
	Slip resistance	EN 13893
		DS: ≥ 0,30

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