

# Statement of Verification

BREG EN EPD No.: 000184 ECO EPD Ref. No. 00000654

This is to verify that the

**Environmental Product Declaration** provided by:

**Amtico International** 

is in accordance with the requirements of:

EN 15804:2012+A1:2013

and

BRE Global Scheme Document SD207

This declaration is for:

**Amtico Spacia Luxury Vinyl Floor Tiles** 

# **Company Address**

Kingsfield Road Coventry CV6 5AA UK



23 April 2018

Date of First Issue

Signed for BRE Global Ltd

Emma Baker

Operator

23 April 2018 Date of this Issue

Issue 01

22 April 2023



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# **Environmental Product Declaration**

**EPD Number: 000184** 

## **General Information**

EPD Programme Operator	Applicable Product Category Rules					
BRE Global Watford, Herts WD25 9XX United Kingdom	BRE Environmental Profiles 2013 Product Category Rules for Type III environmental product declaration of construction products to EN 15804:2012+A1:2013					
Commissioner of LCA study	LCA consultant/Tool					
Amtico International Kingfield Road, Coventry UK CV6 5AA	BRE/LINA					
Declared/Functional Unit	Applicability/Coverage					
1m <sup>2</sup> of Amtico Spacia Luxury Vinyl Floor Tiles	Product Average.					
EPD Type	Background database					
Cradle to Gate with options	ecoinvent					
Demonstra	ation of Verification					
CEN standard EN 15	5804 serves as the core PCR <sup>a</sup>					
Independent verification of the declaration and data according to EN ISO 14025:2010  ☐ Internal ☑ External						
(Where approp	riate <sup>b</sup> )Third party verifier: ligel Jones					
a: Product category rules b: Optional for business-to-business communication; mandatory	for business-to-consumer communication (see EN ISO 14025:2010, 9.4)					

## Comparability

Environmental product declarations from different programmes may not be comparable if not compliant with EN 15804:2012+A1:2013. Comparability is further dependent on the specific product category rules, system boundaries and allocations, and background data sources. See Clause 5.3 of EN 15804:2012+A1:2013 for further guidance



#### Information modules covered

	Product		Const	ruction		Use stage  Related to the building fabric  Related to the building fabric				End-of-life			Benefits and loads beyond the system			
					Rel	ated to	the bui	lding fa	bric		uilding					boundary
A1	A2	А3	A4	<b>A</b> 5	B1	B2	В3	B4	B5	В6	В7	C1	C2	C3	C4	D
Raw materials supply	Transport	Manufacturing	Transport to site	Construction – Installation	Use	Maintenance	Repair	Replacement	Refurbishment	Operational energy use	Operational water use	Deconstruction demolition	Transport	Waste processing	Disposal	Reuse, Recovery and/or Recycling potential
$\overline{\mathbf{A}}$	$\overline{\square}$	$\overline{\mathbf{A}}$	$\overline{\square}$	$\overline{\mathbf{A}}$		$\overline{\mathbf{A}}$						V	$\overline{\mathbf{A}}$	$\overline{\mathbf{A}}$	V	

Note: Ticks indicate the Information Modules declared.

## **Manufacturing site(s)**

Amtico International Kingfield Road Coventry United Kingdom CV6 5AA

## **Construction Product:**

## **Product Description**

Amtico Spacia is a design-led, high-performance luxury vinyl tile collection consisting of 96 products: 43 Woods, 30 Stones and 23 Abstract designs. Available in a range of embosses, tile/plank sizes.

Amtico Spacia can be used in both residential and commercial application.

Amtico Spacia is a 2.5 mm product with a 0.55 mm wear layer and is classified as per EN ISO 10874 for use in the following areas.

- 1. Class 23, Heavy Domestic
- 2. Class 33, Heavy Commercial
- 3. Class 42, General Light Industrial

Amtico Spacia products are recommended for use over properly prepared concrete, suspended wood, metal and other suitable substrates.

Amtico Spacia should only be installed using Amtico Adhesives, all of which are certified as EC1 Plus very low emissions, as defined by the GEV EMICODE scheme.



# **Technical Information**

Property	Value, Unit
Usage Classification (EN ISO 10874)	23,33,42
Manufacturing Standard (EN ISO 10582)	Pass
Total Thickness (EN ISO 24346)	2.5mm
Wear Layer Thickness (EN ISO 24340)	0.55mm
Weight (EN ISO 23997)	3377 g/m <sup>2</sup>
Abrasion Resistance (EN ISO 10582)	Type 1
Residual Indentation (EN ISO 24343-1)	≤0.1mm
Dimensional Stability (EN ISO 23999)	≤0.25%
Dimensional Stability / Curling (EN ISO 23999)	≤2mm
Flexibility (EN ISO 24344 Method A)	Pass
Slip Resistance (DIN 51130)	R10
Slip Resistance (EN13893)	Class DS
Chemical Resistance (EN ISO 26987)	Excellent
Light Stability (EN ISO 105-B02)	≥6
Flammability /Smoke Emissions (EN 13501-1)	B <sub>fl</sub> s1
Castor Chair Resistance (Type W) (EN ISO 4918)	Pass
Impact Sound Reduction (EN ISO 717-2)	3dB
Thermal Resistance EN 12664	0.013 m <sup>2</sup> K/W
Electrostatic Performance ISO 6356	≤2kV
Emissions (AgBB/DIBt)	AbZ ref.noZ-156.603.519
Emissions (Emissions dans l'air interieur)	A+
Amtico Spacia Technical Data Sheet is available on the Amtico website. https://www.amtico.com/commercial/technical/docs/spacia-collection/	

## **Main Product Contents**

Material/Chemical Input	%
Urethane Lacquer	<0.5
Polyvinyl chloride	53
Plasticisers	15
Print	3
Filler	26
Stabilisers & Pigments	<2.5



## **Manufacturing Process**

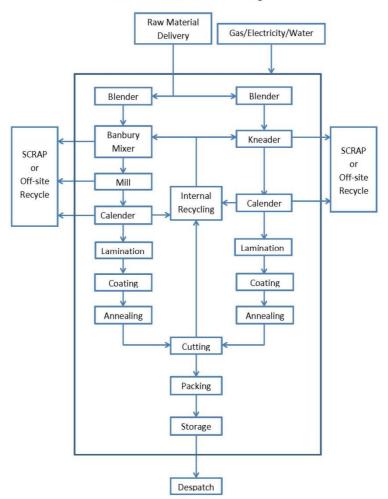
The product is constructed by the thermal lamination of the wear layer print film and backing plies. The wear layer and backing plies are all manufactured as follows

- 1. Required ply raw materials are initially blended
- 2. The ply blend is then heated and calendered on a mill to produce a ply of the required thickness.
- 3. The plies required to form the end product, along with the print film, are thermally laminated together under pressure, to form the final product.
- 4. The product in then coated with polyurethane, before being cut to size, boxed and dispatched to the customer.

Cutting waste is recycled back into the product

## **Process flow diagram**

Amtico Production Process Flow Diagram





## **Construction Installation**

Amtico Spacia should be bonded with a suitably low emissions adhesive to an appropriately prepared subfloor as detailed in BS8302. Full details on installation can be found at

https://www.amtico.com/media/2215989/amtico-signature-spacia-form-first-assura-installation-guidelines-desin-20170731-02-gb.pdf.

Vinyl installation off cuts can be disposed of via recycling schemes such AgPR, or used in energy recovery schemes or landfilled. Wherever possible it is recommended that products should always be recycled.

#### **Use Information**

#### **Emissions**

Amtico Spacia adheres to the emission requirements of AgBB/DIBt, Belgium and is rated as A+ in the French "Emissions dans l'air interieur" scheme.

#### **End of Life**

At the end of the product's life, the flooring is mechanically removed from the subfloor and disposed of by landfill or Incineration/energy recovery. It is assumed that the amount of energy required to remove the floor is 0.03kWh/m2

It is assumed that 80% of the product will go to landfill, with the remaining 20% being recycled or used in energy recovery schemes. The distance travelled from the demolition site to a disposal site will be no more than 200km.

# **Life Cycle Assessment Calculation Rules**

## **Declared / Functional unit description**

1m<sup>2</sup> Amtico Spacia Luxury Vinyl Floor Tiles

#### System boundary

Modules A1-A3: Includes raw materials, energy, water and transport processes required to make the product up to the factory gate, as well as production, packaging and general site waste

Module A4: Transport from factory gate to installation site. Distance was calculated as an average based on product sales across UK, Europe, Middle and Far East.

Module A5: Floor installation, including adhesive and disposal of off-cuts and packaging.

Module B2: Electricity, water, cleaning products required to clean and maintain the product for one year.

Module C1: The amount of electricity required to remove a floor.

Module C2: Transportation of removed flooring to landfill or energy recovery site. Assumed distance is 200km.

Module C3: Waste processing of flooring waste.

Module C4: Disposal



## Data sources, quality and allocation

Amtico manufactures other LVT products at its production site in addition to the product covered by this EPD. Calculations were performed to enable allocation of total site energy use, water and waste to the Amtico Spacia Luxury Vinyl Floor Tiles product. Allocation procedures were by physical allocation and are according to EN 15804 and are based on the ISO14044 guidance

Transportation distances were calculated for Amtico Spacia, based percentage of total square meters supplied to a distribution centre or sales region and the distance to the distribution centre or sales region.

The LCA was calculated using BRE LINA V2.0.8 with Ecoinvent

#### **Cut-off criteria**

- 1. No manufacturing site water discharge volume data was available. Historical data indicated that 25% of the input water is discharge to the drain. The other 75% is lost through steam leaks, evaporation from cooling towers and quench water going to surface drains.
- 2. Transport distances to site were not calculated for Sales Business Units with <1% of product sales.
- 3. The product life was based on the commercial 10 years warranty. Residential warranties 25 years



## **LCA Results**

(MND = module not declared; MNR = module not relevant; INA = indicator not assessed; AGG = aggregated)

Parameters describing environmental impacts										
			GWP	ODP	AP	EP	POCP	ADPE	ADPF	
			kg CO <sub>2</sub> equiv.	kg CFC 11 equiv.	kg SO₂ equiv.	kg (PO <sub>4</sub> ) <sup>3-</sup> equiv.	kg C₂H₄ equiv.	kg Sb equiv.	MJ, net calorific value.	
	Raw material supply	A1	5.08e+0	8.71e-8	1.75e-2	4.70e-3	7.79e-3	2.38e-5	1.35e+2	
Product stage	Transport	A2	3.65e-1	6.46e-8	3.42e-3	4.99e-4	3.22e-4	6.76e-7	5.41e+0	
1 Toddet Stage	Manufacturing	A3	5.12e-1	9.70e-8	6.15e-3	2.15e-3	6.13e-4	2.21e-6	1.92e+1	
	Total (of product stage)	A1-3	5.96e+0	2.49e-7	2.70e-2	7.34e-3	8.73e-3	2.66e-5	1.59e+2	
Construction	Transport	A4	1.34e+0	2.34e-7	5.87e-3	1.71e-3	1.29e-3	4.29e-6	1.99e+1	
process stage	Construction	A5	9.44e-1	1.25e-7	5.12e-3	1.78e-3	1.27e-3	5.34e-6	2.40e+1	
	Use	B1	MND	MND	MND	MND	MND	MND	MND	
	Maintenance	B2	1.10e+1	7.92e-7	6.09e-2	1.66e-2	4.34e-3	2.05e-5	1.89e+2	
	Repair	В3	MND	MND	MND	MND	MND	MND	MND	
Use stage	Replacement	B4	MND	MND	MND	MND	MND	MND	MND	
	Refurbishment	B5	MND	MND	MND	MND	MND	MND	MND	
	Operational energy use	B6	MND	MND	MND	MND	MND	MND	MND	
	Operational water use	B7	MND	MND	MND	MND	MND	MND	MND	
	Deconstruction, demolition	C1	1.80e-2	1.17e-9	9.77e-5	2.24e-5	5.56e-6	2.18e-8	2.78e-1	
End of life	Transport	C2	1.13e-1	2.08-8	3.78e-4	9.96e-5	6.59e-5	2.97e-7	1.71e+0	
Life of tile	Waste processing	C3	0.00e+0	0.00e+0	0.00e+0	0.00e+0	0.00e+0	0.00e+0	0.00e+0	
	Disposal	C4	1.73e-1	7.41e-9	5.51e-4	1.02e-2	6.02e-5	4.04e-8	6.87e-1	
Potential benefits and loads beyond the system boundaries	Reuse, recovery, recycling potential	D	MND	MND	MND	MND	MND	MND	MND	

GWP = Global Warming Potential; ODP = Ozone Depletion Potential; AP = Acidification Potential for Soil and Water; EP = Eutrophication Potential; POCP = Formation potential of tropospheric Ozone; ADPE = Abiotic Depletion Potential – Elements; ADPF = Abiotic Depletion Potential – Fossil Fuels;



Parameters describing resource use, primary energy										
			PERE	PERM	PERT	PENRE	PENRM	PENRT		
			MJ	MJ	MJ	MJ	MJ	MJ		
	Raw material supply	A1	7.45e+0	2.97e-4	7.45e+0	1.53e+2	0.00e+0	1.53e+2		
Product stage	Transport	A2	9.24e-2	2.25e-7	9.24e-2	5.42e+0	0.00e+0	5.42e+0		
Froduct stage	Manufacturing	А3	1.13e+1	2.98e-6	1.13e+1	2.35e+1	0.00e+0	2.35e+1		
	Total (of product stage)	A1-3	1.88e+1	3.00e-4	1.88e+1	1.82e+2	0.00e+0	1.82e+2		
Construction	Transport	A4	4.42e-1	3.44e-6	4.42e-1	2.01e+1	0.00e+0	2.01e+1		
process stage	Construction	A5	3.08e+0	2.00e-5	3.08e+0	2.56e+1	0.00e+0	2.56e+1		
	Use	B1	MND	MND	MND	MND	MND	MND		
	Maintenance	B2	1.41e+1	3.56e+-5	1.41e+1	2.40e+2	0.00e+0	2.40e+2		
	Repair	В3	MND	MND	MND	MND	MND	MND		
Use stage	Replacement	B4	MND	MND	MND	MND	MND	MND		
	Refurbishment	B5	MND	MND	MND	MND	MND	MND		
	Operational energy use	В6	MND	MND	MND	MND	MND	MND		
	Operational water use	В7	MND	MND	MND	MND	MND	MND		
	Deconstruction, demolition	C1	2.40e-2	4.33e-8	2.40e-2	3.70e-1	0.00e+0	3.70e-1		
End of life	Transport	C2	2.26e-2	8.43e-8	2.26e-2	1.69e+0	0.00e+0	1.69e+0		
Life of file	Waste processing	С3	0.00e+0	0.00e+0	0.00e+0	0.00e+0	0.00e+0	0.00e+0		
	Disposal	C4	2.20e-2	6.05e-8	2.20e-2	6.96e-1	0.00e+0	6.96e-1		
Potential benefits and loads beyond the system boundaries	Reuse, recovery, recycling potential	D	MND	MND	MND	MND	MND	MND		

PERE = Use of renewable primary energy excluding renewable primary energy used as raw materials;
PERM = Use of renewable primary energy resources used as raw

materials;

PERT = Total use of renewable primary energy resources;

PENRE = Use of non-renewable primary energy excluding nonrenewable primary energy resources used as raw materials; PENRM = Use of non-renewable primary energy resources used as raw materials;

PENRT = Total use of non-renewable primary energy resource



Parameters of	lescribing res	ource	use, secondary n	naterials and fuels	s, use of water	
			SM	RSF	NRSF	FW
			kg	MJ net calorific value	MJ net calorific value	m³
	Raw material supply	A1	0.00e+0	0.00e+0	0.00e+0	3.80e-1
Draduot ataga	Transport	A2	0.00e+0	0.00e+0	0.00e+0	1.22e-3
Product stage	Manufacturing	А3	0.00e+0	0.00e+0	0.00e+0	8.81e-3
	Total (of product stage)	A1-3	0.00e+0	0.00e+0	0.00e+0	3.90e-1
Construction	Transport	A4	0.00e+0	0.00e+0	0.00e+0	5.50e-3
process stage	Construction	A5	0.00e+0	0.00e+0	0.00e+0	5.34e-2
	Use	B1	MND	MND	MND	MND
	Maintenance	B2	0.00e+0	0.00e+0	0.00e+0	7.99e-2
	Repair	В3	MND	MND	MND	MND
Use stage	Replacement	B4	MND	MND	MND	MND
	Refurbishment	B5	MND	MND	MND	MND
	Operational energy use	В6	MND	MND	MND	MND
	Operational water use	B7	MND	MND	MND	MND
	Deconstruction, demolition	C1	0.00e+0	0.00e+0	0.00e+0	7.39e-5
End of life	Transport	C2	0.00e+0	0.00e+0	0.00e+0	3.70e-4
End of life	Waste processing	С3	0.00e+0	0.00e+0	0.00e+0	0.00e+0
	Disposal	C4	0.00e+0	0.00e+0	0.00e+0	7.77e-4
Potential benefits and loads beyond the system boundaries	Reuse, recovery, recycling potential	D	MND	MND	MND	MND

SM = Use of secondary material; RSF = Use of renewable secondary fuels;

NRSF = Use of non-renewable secondary fuels; FW = Net use of fresh water



Other environmental information describing waste categories									
			HWD	NHWD	RWD				
			kg	kg	kg				
	Raw material supply	A1	1.13e-1	6.72e-2	2.55e-5				
Draduat ataga	Transport	A2	2.27e-3	1.72e-1	3.71e-5				
Product stage	Manufacturing	A3	1.12e-2	4.77e-2	1.14e-4				
	Total (of product stage)	A1-3	1.26e-1	2.86e-1	1.76e-4				
Construction	Transport	A4	1.64e-2	6.15e-1	1.33e-4				
process stage	Construction	A5	2.11e-2	1.49e-1	6.11e-5				
	Use	B1	MND	MND	MND				
	Maintenance	B2	6.00e-2	4.57e-1	1.15e-3				
	Repair	В3	MND	MND	MND				
Use stage	Replacement	B4	MND	MND	MND				
	Refurbishment	B5	MND	MND	MND				
	Operational energy use	B6	MND	MND	MND				
	Operational water use	B7	MND	MND	MND				
	Deconstruction, demolition	C1	4.22e-5	4.49e-4	2.04e-6				
Final of life	Transport	C2	7.15e-4	7.95e-2	1.18e-5				
End of life	Waste processing	СЗ	0.00e+0	0.00e+0	0.00e+0				
	Disposal	C4	5.22e-4	2.71e+0	4.31e-6				
Potential benefits and loads beyond the system boundaries	Reuse, recovery, recycling potential	D	MND	MND	MND				

HWD = Hazardous waste disposed; NHWD = Non-hazardous waste disposed; RWD = Radioactive waste disposed



Other enviro	nmental inforn	nation	describing outpu	ut flows – at end c	of life	
			CRU	MFR	MER	EE
			kg	kg	kg	MJ per energy carrier
	Raw material supply	A1	0.00e+0	0.00e+0	0.00e+0	0.00e+0
Product stage	Transport	A2	0.00e+0	0.00e+0	0.00e+0	0.00e+0
Product stage	Manufacturing	A3	0.00e+0	9.31e-2	2.00e-2	0.00e+0
	Total (of product stage)	A1-3	0.00e+0	9.31e-2	2.00e-2	0.00e+0
Construction	Transport	A4	0.00e+0	0.00e+0	0.00e+0	0.00e+0
process stage	Construction	A5	0.00e+0	4.70e-1	1.69e-1	0.00e+0
	Use	B1	MND	MND	MND	MND
	Maintenance	B2	0.00e+0	0.00e+0	6.24e-2	0.00e+0
	Repair	В3	MND	MND	MND	MND
Use stage	Replacement	B4	MND	MND	MND	MND
	Refurbishment	B5	MND	MND	MND	MND
	Operational energy use	В6	MND	MND	MND	MND
	Operational water use	В7	MND	MND	MND	MND
	Deconstruction, demolition	C1	0.00e+0	0.00e+0	0.00e+0	0.00e+0
End of the	Transport	C2	0.00e+0	0.00e+0	0.00e+0	0.00e+0
End of life	Waste processing	СЗ	0.00e+0	0.00e+0	0.00e+0	0.00e+0
	Disposal	C4	0.00e+0	0.00e+0	6.80e-1	0.00e+0
Potential benefits and loads beyond the system boundaries	Reuse, recovery, recycling potential	D	MND	MND	MND	MND

CRU = Components for reuse; MFR = Materials for recycling MER = Materials for energy recovery; EE = Exported Energy



# Scenarios and additional technical information

Scenarios	Scenarios and additional technical information									
Scenario	Parameter	Units	Results							
	Products manufactured at Coventry are distributed in the UK, across Europe, Scandinavia, the Middle and Far East. The average distance transported for each geographical market was calculated by multiplying the distance travelled by the percentage sales volume by square meter. Sales regions where sales were less than 1% were not considered.  The sales volumes were those in 2016. The transportation data is taken from Ecoinvent datasets									
	UK Direct Delivery:	Diesel / Van	0.32l/km							
	Distance:	km	164							
	Capacity utilisation (incl. empty returns)	%	Not Stated							
A4 – Transport	Bulk density of transported products	kg/m <sup>3</sup>	1351							
to the building	Worldwide:	Diesel / 16-32 tonne Lorry	0.032l/km							
site	Distance:	km	474							
	Capacity utilisation (incl. empty returns)	%	35							
	Bulk density of transported productskg/m3	kg/m <sup>3</sup>	1351							
	Worldwide: Ship	Litre of fuel type per distance or vehicle type	303l/km							
	Distance:	km	303							
	Capacity utilisation (incl. empty returns)	%	65							
	Bulk density of transported productskg/m3	kg/m <sup>3</sup>	1351							



Caanaria	Dovernator	Linita	Decults							
Scenario	Parameter	Units	Results							
	Amtico Spacia should be bonded with a suitable low emissions adhesive to an appropriately prepare subfloor as detailed in BS8302. Full details on installation can be found at <a href="https://www.amtico.com">www.amtico.com</a> . Vinyl installation off cuts can be disposed of via recycling schemes such AgPR, or used in energy recover scheme or landfilled. Wherever possible it is recommended that products should always be recycled.									
	% Installation Wastage Rate		5							
	Post installation Cleaning	I/m <sup>2</sup>	0.02							
A5 –	Ancillary Materials	Mass per unit area of product installed kg/m <sup>2</sup>	0.288							
Installation in the building	Material Waste	Installation off cuts mass per unit area of product installed kg/m <sup>2</sup>	0.169							
	Cardboard Packaging	Mass per unit area of product installed kg/m <sup>2</sup>	0.19							
	Wood Packaging	Mass per unit area of product installed kg/m <sup>2</sup>	0.273							
	Shrink Wrap	Mass per unit area of product installed kg/m <sup>2</sup>	0.002							
B2 – Maintenance	The required recommended cleaning and maintenance regime is installation and the foot traffic over the floor. High traffic areas will maintenance than low traffic situations. Dry cleaning may be performed with a dust mop or with a vacuum performed with a mop, detergent and water. Power cleaning is als etc.  The calculations are assumed for 1m² per year.	generally require monocontribution of the second second requires the second second requirement of the second requirement o	ore cleaning an ng can be							
	52 Powered Cleaning operations a year, 1.5kW machine	kWh/m²	0.27							
	52 Wet Cleans per year (Water use)	l/yr./m²	3.224							
	Detergent usage	kg/yr./m²	0.0416							
Reference	Amtico International (hereinafter referred to as the Company) here the Amtico Spacia flooring supplied to the original purchaser under replacement due to 'Wear-out' from normal foot traffic within teny. The floor will be repaired or replaced with the same or similar mat means the removal of the pattern and colour from the Amtico Spathe protective wear layer. Reference service life used in LCA was	er this agreement, rec rears from the date of terial free of charge. " icia floor caused by the	quiring f purchase, Wear-out' ne removal of							
service life	10 Year Commercial Product Warranty	Years	10							
	25 Year Residential Product Warranty.	Years	25							
	,									



Scenarios and additional technical information									
Scenario	Parameter Units Results								
C1 to C4 End of life,	Description of scenario								
C1	At the end of the product's life, the flooring is mechanically removed by landfill or Incineration/energy recovery.	d from the subfloor a	and disposed of						
O1	Electricity for power tools	kWh/m²	0.03						
C2	It is assumed that 80% of the dismantled flooring goes to land fill ar for energy recovery or recycled. The disposal sites are within 200kr								
C3	The floor is mechanically removed from the installation and is then Landfill 80%. No further processing required. Incineration/energy recovery 20%. No further processing required	processed as follow	/S,						
	Final disposal								
C4	Polyvinyl chloride Waste to Energy recovery	kg	0.67						
	Polyvinyl chloride Waste to landfill	kg	2.70						

# Summary, comments and additional information

#### **Product Brochures**

Amtico Spacia brochures is available at

https://www.amtico.com/commercial/brochures/ https://www.amtico.com/flooring/brochures/

## **Technical Product Information**

Amtico Spacia Technical Data Sheet, Declaration of Conformity, BREEAM Certificates, Slip resistance and Reaction to Fire test reports are available on the Amtico website.

https://www.amtico.com/commercial/technical/docs/spacia-collection/

#### **Technical Standards**

Copies of the test standards quoted in the Technical Data Sheets are available from the British Standards Institute website.

https://shop.bsigroup.com/

## **Warranties**

Commercial and residential warranties can be found on the Amtico website

https://www.amtico.com/commercial/technical/docs/spacia-collection/

#### **Installation and Aftercare**

Installation, adhesives and aftercare instructions are available on the Amtico Website at

https://www.amtico.com/commercial/technical/docs/spacia-collection/ and https://www.amtico.com/commercial/technical/docs/adhesives-maintenance/



# **Example of Amtico Spacia**

Fig1 Image of product





**Amtico Logo** 

# antico A MANNINGTON COMPANY

## References

BSI. Sustainability of construction works – Environmental product declarations – Core rules for the product category of construction products. BS EN 15804:2012+A1:2013. London, BSI, 2013.

BSI. Environmental labels and declarations – Type III Environmental declarations – Principles and procedures. BS EN ISO 14025:2010 (exactly identical to ISO 14025:2006). London, BSI, 2010.

BSI. Environmental management – Life cycle assessment – Principles and framework. BS EN ISO 14040:2006. London, BSI, 2006.

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