Interface®
Microsfera

4173001
Black

4173002
Cool Grey

4173003
Warm Grey

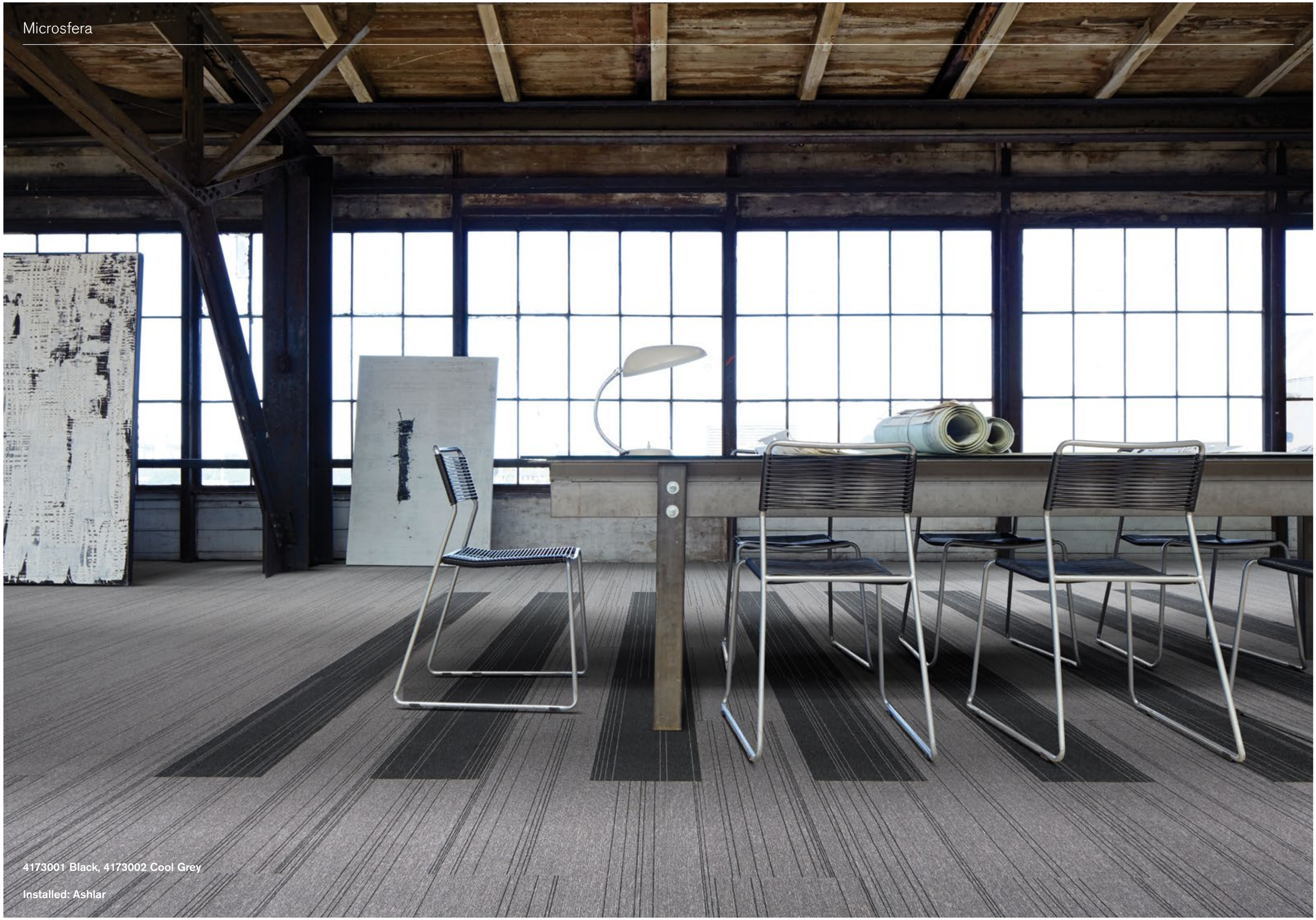
4173004
Greige

4173005
Brown

4173006
Copper

4173007
Chinese Blue

4173008
Light Blue



4173001 Black, 4173002 Cool Grey

Installed: Ashlar

4173006 Copper

Installed: Ashlar

4173008 Light Blue

Installed: Ashlar

Technical Specifications

Product Definition	Microtuft Plain Level Loop Tile
Konstruktion	Gemusterte Microtuft Schlingenqualität
Descripción	Moqueta modular bucle de bajo perfil (Microtuft)
Description	Dalle de moquette Microtuft à velours bouclé
Type	Microtuft bouclé
Descrizione	Microtuft verticale/disegnato
Pile Material	100% Polypropylene
Polfasermaterial	100% Polypropylen
Composición Fibra	100% Polipropileno
Composition	100% Polypropylène Teint en masse
Poolmateriaal	100% Polypropyleen
Fibra	100% Polipropilene
Pile Yarn Weight / Poleinsatzgewicht / Peso Fibra / Poids de fibre / Poolinzetgewicht / Peso Felpa	474g/m² ± 5%
Total Weight / Gesamtgewicht / Peso Total / Poids total / Totaalgewicht / Peso Totale	3764g/m² ± 5%
Pile Height / Polschichtdicke / Altura Fibra / Hauteur de la fibre / Poolhoogte / Altezza Felpa	0,5 mm ± 0,3 mm
Total Thickness / Gesamtdicke / Espesor Total / Epaisseur totale / Totale dikte / Altezza Totale	3,6 mm ± 0,5 mm
Gauge/Ends 10 cm / Teilung x 10 cm / Galga x10 cm	5/64 – 50,4
Jauge-Rangs par 10 cm / Rijen per 10 cm / Serraggio x 10 cm /	
Tufts per m² / Noppenzahl/m² / Puntadas m² / Densité du tuft par m² / Aantal noppen per m² / Densità Punti	171.360 ± 5%
Backing Type / Rückenkonstruktion / Soporte / Sous-couche / Ruguitvoering / Sottofondo	Graphlex®
Wear Classification / Beanspruchungsklasse / Clasificación al tráfico / Classement d'usage et de confort /Gebruiksintensiteit / Resistenza all'usura	Heavy Contract (EN 1307) Class 33 / LC1
Radiant Panel /Schwerentflammbarkeit / Clasificación Al Fuego / Classement feu / De Radiant Panel Test / Valutazione delle proprietà ignifughe	(EN ISO 9239-1) Euroclass Cfl s1 (EN 13501-1)
Dimensional Stability / Dimensionsstabilität / Estabilidad Dimensional / Stabilité dimensionnelle / Dimensionele stabiliteit / Test Stabilità dimensionale	≤ 0,2% (EN 986)
Impact Sound Insulation (ΔL_w) / Trittschallverbesserungsmaß / Impacto Aislamiento Acústico / Réduction du bruit d'impact / Contactgeluid absorptie / Isolamento all'impatto acustico	12 dB (EN ISO 10140-3)
Rating of Sound Absorption / Gewichteter Schallabsorptionskoeffizient / Clasificación de Absorción de Sonido / Coefficient d'absorption acoustique / Waarde geluidsabsorptie / Valutazione dell'assorbimento acustico	α_w 0,15 (EN ISO 11654)

Sound Absorption / Schallabsorptionsgrad / Absorción de Sonido / Absorption acoustique / Geluidsabsorptie / Assorbimento acustico

125Hz	**250Hz**	**500Hz**	**1000Hz**	**2000Hz**	**4000Hz**	(EN ISO 354)
0,02	0,01	0,02	0,14	0,20	0,25	α_s

Style 4173 — 6m² - 24 tiles per box (25 x 100 cm ± 0,2%)

EN 14041

CE

DOP: 1037/122305

textile floor covering

EN 1307

Ashlar

D9F1C2D7

12 dB

0,15

≥7

≥ 2,4

Light Values

Product	Colour No	Colour Name	L Value*	Y Value*
Microsfera	4173001	Black	25.4	4.6
	4173002	Cool Grey	35.8	8.9
	4173003	Warm Grey	41.6	12.3
	4173004	Greige	51.1	19.3
	4173005	Brown	27.3	5.2
	4173006	Copper	29.8	6.2
	4173007	Chinese Blue	33.4	7.7
	4173008	Light Blue	46.2	15.4

* **Light Value:** L Value = L according to CIE L*a*b* colour space, Y Value = Light Reflectance Value according to BS 8493

Lichtreflexionswerte: L-Wert = L gemäß CIE L*a*b* Farbspektrum, Y-Wert = Lichtreflexionswert gemäß British Standard BS 8493

Valores de Reflectancia de Luz: Valor L= L según CIE L*a*b* espacio de color, Valor Y = Valor de reflectancia de luz según el estándar británico BS 8493

Valeurs concernant la lumière: Valeur L = L faisant référence à la méthode CIE L*a*b* pour la couleur , Valeur Y = Valeurs de réflectance de la lumière selon le British Standard BS 8493

Licht waarden: L Waarde = L volgens CIE L*a*b*kleurruimte, Y Waarde = Licht Reflectie Waarde volgens BS 8493

Indici di riflettanza alla luce: Indice L= L secondo CIE L*a*b* colour space, IndiceY= Indice di riflettanza alla luce secondo la norma BS 8493

Interface European Manufacturing BV reserve the right to change or modify specifications.

Interface European Manufacturing BV behält sich das Recht vor, Produktspezifikationen zu ändern oder entsprechend anzupassen.

Interface European Manufacturing BV se reserva el derecho a modificar las especificaciones arriba referenciadas.

Interface European Manufacturing BV se réserve la possibilité de modifier les caractéristiques ci-dessus.

Interface European Manufacturing BV behoudt zich het recht voor de specificaties te allen tijde aan te passen.

Interface European Manufacturing BV si riserva il diritto di modificare le proprie specifiche tecniche senza preavviso.

For full environment data, visit:
www.interface.com/eds

Visit our design blog at:
www.designwithpurposeblog.com

Environmental Data Sheet

Construction			
Yarn system	100% Polypropylene		
Backing system	Graphlex®		
Recycled Content	**Total**	Pre Consumer	Post Consumer
Yarn average	**0,0%**	0,0%	0,0%
Product average	**56,6%**	56,6%	0,0%
	Recycled content can be subject to differences between colours. See details for individual colours on next page.		
Carbon Footprint	Global Warming Potential (kgs CO2 equivalents/sq meter)		
Full life-cycle carbon footprint (following our EPD results or EPD calculation method)	Raw materials and Production:	2.98 kg CO_2 eq./m^2	
	Delivery and installation:	0.43 kg CO_2 eq./m^2	
	Use (10 years):	3.5 kg CO_2 eq./m^2	
	End of life (waste to energy):	5.09 kg CO_2 eq./m^2	
	TOTAL (10 years' lifetime):	12 kg CO_2 eq./m^2	
CO_2 compensation	Carbon neutral Cool Carpet® is standard		
Manufacturing			
Location	Scherpenzeel, NL		
	Factory is certified ISO 14001 since 1996 and ISO 9001 since 1990		
Installation Impacts			
TacTiles™	Optimised for glue-free installation with TacTiles™ connectors with virtually zero VOCs included as standard		
Installation Waste	In a typical installation* using the installation method below:		
	Ashlar - 3-5% installation waste		
	For reference: 2 metre wide broadloom typically generates 7-10 % installation waste		
	* In a rectangular building, installed before walls.		
End-of-life			
Alternatives to landfill	Reuse: Can be cleaned and reused in a non-critical location to extend its useful life		
	Recycling: Can be returned through the Interface ReEntry scheme and be re-used as raw material in new carpet tiles		
	Waste-to-Energy: Can be incinerated in appropriate waste to energy plant		
Indoor Air Quality			
GUT (Gemeinschaft umweltfreundlicher Teppichboden)	The product passes all requirements of GUT's testing criteria regarding hazardous substances, emissions and odour.		
	GUT PRODIS certificate n° D9F1C2D7		
CRI (Carpet & Rug Institute)	Compliant to LEED IQ 4.3 credit (tested in Eurofins to the equivalent test of the CRI Green Label Plus)		
Compliance to Green Building Schemes			
	See next page to check how our products contribute to the main green building certification schemes (BREEAM, LEED, HQE and DGNB)		
Type III Environmental Product Declaration			
EPD according to ISO 14025	This product is covered by the Environmental Product Declaration EPD-IFF-20140177-CBD1-EN		

Colourway	Total Recycled Content	Pre consumer recycled content	Post consumer recycled content	Total yarn recycled content	Yarn pre-consumer	Yarn post-consumer
4173001 BLACK	56.60%	56.60%	0.00%	0.00%	0.00%	0.00%
4173002 COOL GREY	56.60%	56.60%	0.00%	0.00%	0.00%	0.00%
4173003 WARM GREY	56.60%	56.60%	0.00%	0.00%	0.00%	0.00%
4173004 GREIGE	56.60%	56.60%	0.00%	0.00%	0.00%	0.00%
4173005 BROWN	56.60%	56.60%	0.00%	0.00%	0.00%	0.00%
4173006 COPPER	56.60%	56.60%	0.00%	0.00%	0.00%	0.00%
4173007 CHINESE BLUE	56.60%	56.60%	0.00%	0.00%	0.00%	0.00%
4173008 LIGHT BLUE	56.60%	56.60%	0.00%	0.00%	0.00%	0.00%

Compliance to Green Building Schemes	
BREEAM (UK + internat)	BRE Green Guide Ratings: Office - Applied for Education - Applied for Health Care - Applied for Retail (by fashion) - Applied for Potential contribution to following categories and credits: Hea 02 - Indoor air quality – minimising sources of air pollution Hea 05 - Acoustic Performance Mat 01 - Life Cycle Impacts Mat 05 - Designing for robustness Wst 01 - Construction Waste Management
LEED 2009 US	Potential direct or indirect contribution to following categories and credits: Indoor Environmental Quality Credit 4.1 Low Emitting Materials: Adhesive & Sealants Credit 4.3 Low Emitting Materials: Carpet Systems Materials and Resources Credit 2.1 Construction Waste Management Credit 4.1 Recycled content Credit 5.1 Regional Materials Innovation and Design Credits 1-4 1 Climate Neutral Products Credits 1-4 1 Pilot Credit 43, Certified Products
HQE (FR)	**Potential direct or indirect contribution to several points within following targets:** Contribution potentielle directe ou indirecte aux cibles suivantes : 2. **Integrated choice of products and construction materials** / Choix intégré des procédés et produits de construction 3. **Low site nuisance** / Chantiers à faibles nuisances 9. **Acoustic comfort** / Confort acoustique 10. **Visual comfort** / Confort visuel 11. **No unpleasant smells** / Confort olfactif 12. **Sanitary quality of areas** / Qualité sanitaire des espaces 13. **Sanitary air quality** / Qualité sanitaire de l'air
DGNB (D)	**Potential direct or indirect contribution of textile flooring to the DGNB scheme "new office and administrative buildings 2012 (NBV12)"** Einflüsse textiler Bodenbelag im DGNB-System für das Nutzungsprofil Neubau Büro- und Verwaltungsgebäude 2012 (NBV12) **Environmental Quality** / Ökologische Qualität (ENV) ENV1.1 Life-cycle Assessment - Ecological footprint of the physical building components / Ökobilanz - Emissionsbedingte Umweltwirkungen ENV2.1 Life-cycle Assessment - Primary energy demand / Ökobilanz - Primärenergie **Sociocultural and Functional Quality** / Soziokulturelle und funktionale Qualität (SOC) / SOC 1.2 Indoor air quality / Innenraumluftqualität SOC 1.3 Acoustic comfort / Akustischer Komfort / SOC 1.7 Safety and security / Sicherheit und Störfallrisiken **Technical Quality** / Technische Qualität (TEC) TEC 1.2 Noise protection / Schallschutz TEC 1.5 Ease of Cleaning and Maintenance / Reinigungs- und Instandhaltungsfreundlichkeit des Baukörpers TEC 1.6 Ease of dismantling and recycling / Rückbau- und Demontagefreundlichkeit **Process Quality** / Prozessqualität (PRO) PRO 1.3 Comprehensive project definition / Nachweis der Optimierung und Komplexität der Herangehensweise in der Planung PRO 1.5 Comprehensive building design / Schaffung von Vorraussetzungen für eine optimale Nutzung und Bewirtschaftung

THIS DATA CAN BE USED TO COMPARE CARPET PRODUCTS WITHIN THE INTERFACE PORTFOLIO. COMPARISON WITH OTHER PRODUCTS WOULD REQUIRE USE OF SAME METHODOLOGIES.
Interface reserves the right to change or modify any information included on the Environmental Data Sheet. Information updated 23rd January 2015

TacTiles™

- A smarter, more sustainable way to install carpet tiles
- No need for liquid adhesives
- Fitting tiles is quick, clean and easy and the process virtually eliminates emissions
- No damage to sub floors, and nothing to stop you lifting or moving the carpet whenever you want

Entrance Matting

Incredibly tough, hard-wearing and practical; indoor entrance matting acts as the first line of defence to any interior by removing almost 100% of dirt, rain and mud before it's walked into your flooring.

Both of the products in our commercial entrance matting range – Barricade and Foyer – are resilient, functional, easy to maintain and stylish. And it's for these reasons that our barrier matting forms an essential part of any maintenance programme needed to keep your floorcovering looking its very best.