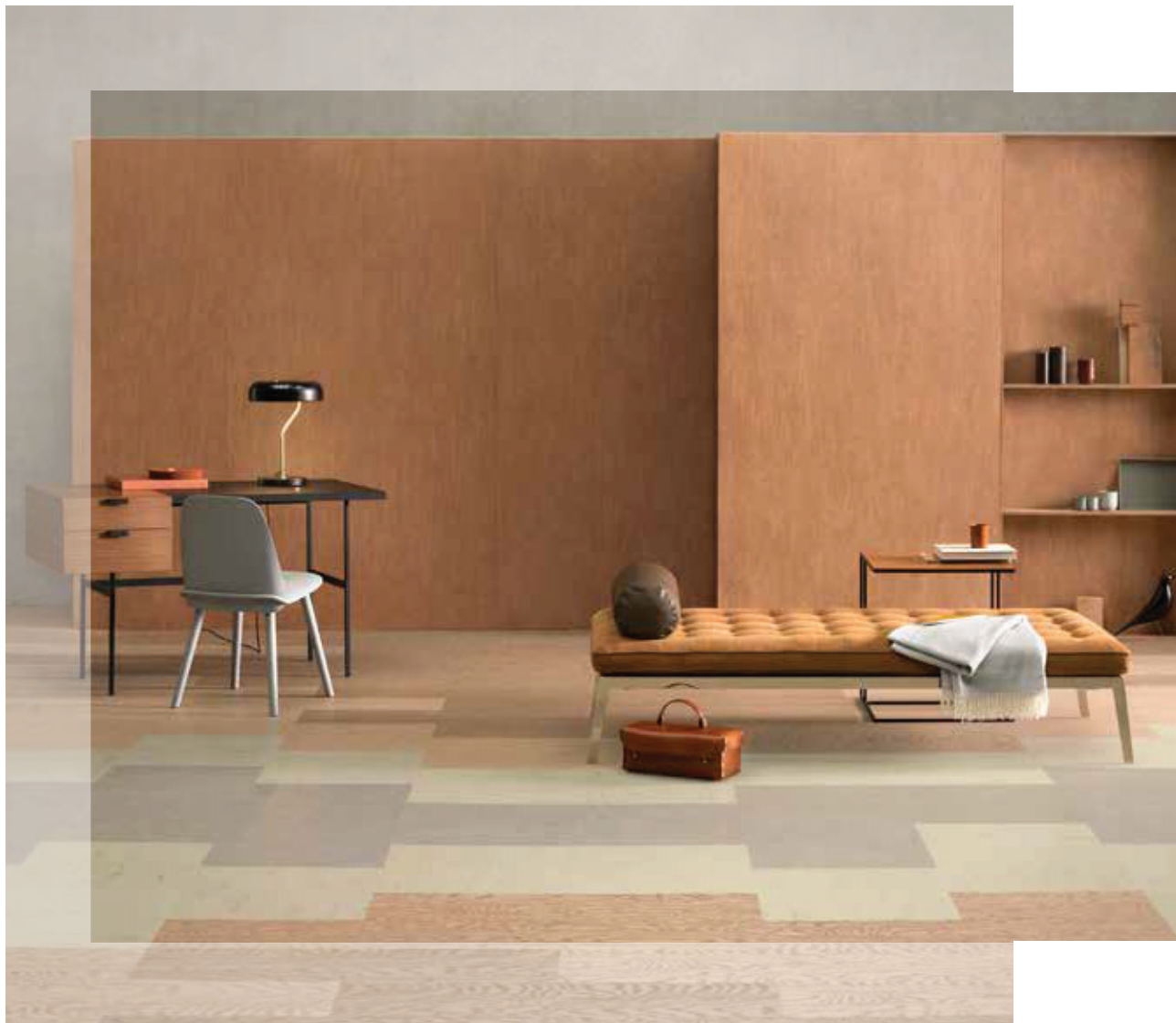




**marmoleum**  
climate positive  
CRADLE TO GATE



# marmoleum<sup>®</sup> modular



100 x 25 cm  
50 x 25 cm



50 x 50 cm

creating better environments



FLOORING SYSTEMS



**t5232** | rocky ice LRV 44%  
100 x 25 cm NCS 3005-Y20R



**t3573** | trace of nature LRV 27%  
100 x 25 cm NCS 5005 - Y20R



**t5231** | Cliffs of Moher LRV 17%  
100 x 25 cm NCS 6005-Y20R



**t3575** | white cliffs LRV 57%  
100 x 25 cm NCS 2010 - Y



**t5226** | grey granite LRV 29%  
100 x 25 cm NCS 5005 - G50Y



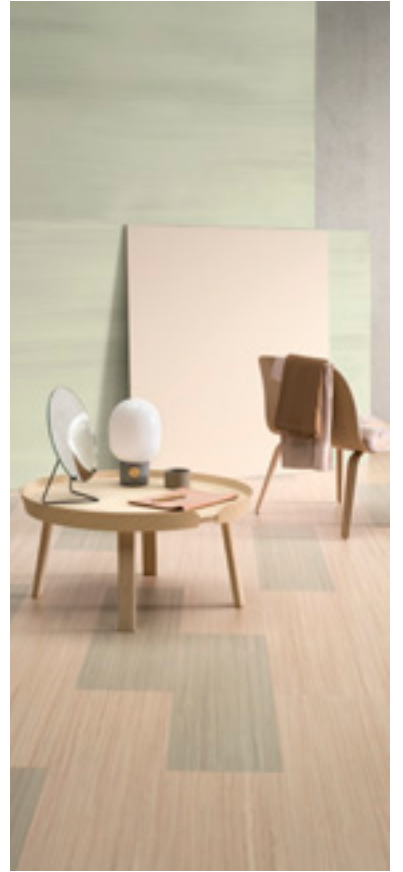
**t5237** | black sheep LRV 18%  
100 x 25 cm NCS 6502 - B



**t5230** | white wash LRV 49%  
100 x 25 cm NCS 2010 - Y30R



**t5225** | compressed time LRV 34%  
100 x 25 cm NCS 4010 - Y30R



**t5230** | white wash  
**t5232** | rocky ice



**t5235** | North Sea coast LRV 32%  
100 x 25 cm NCS 4010 - Y30R



**t5217** | withered prairie LRV 23%  
100 x 25 cm NCS 5010 - Y30R



**t5218** | Welsh moor LRV 8%  
100 x 25 cm NCS 8005 - Y80R



**te5230** | white wash      LRV 49%  
100 x 25 cm      NCS 2010 - Y30R



**te5235** | North Sea coast      LRV 32%  
100 x 25 cm      NCS 4010 - Y30R



**te5217** | withered prairie      LRV 23%  
100 x 25 cm      NCS 5010 - Y30R



**te5229** | fresh walnut



**te5229** | fresh walnut      LRV 15%  
100 x 25 cm      NCS 6020 - Y50R



**t5218** | Welsh moor  
**te3573** | trace of nature **te5218** | Welsh moor



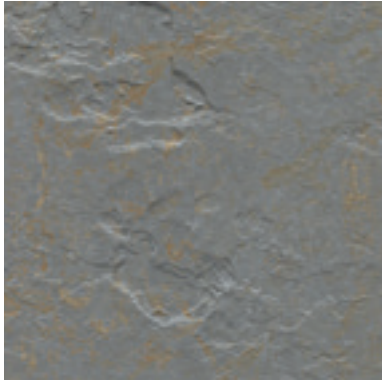
**te5218** | Welsh moor LRV 8%  
 100 x 25 cm NCS 8005 - Y80R



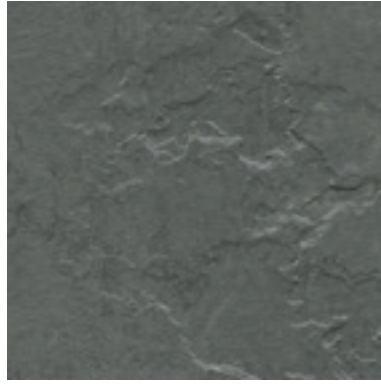
**te5231** | Cliffs of Moher LRV 17%  
 100 x 25 cm NCS 6005-Y20R



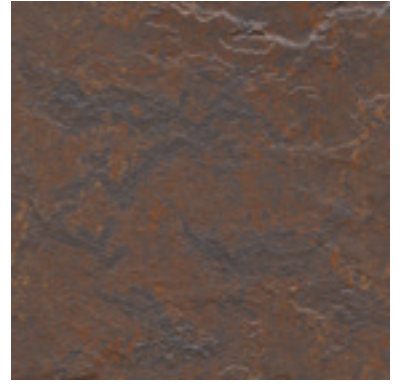
**te3573** | trace of nature LRV 27%  
 100 x 25 cm NCS 5005 - Y20R



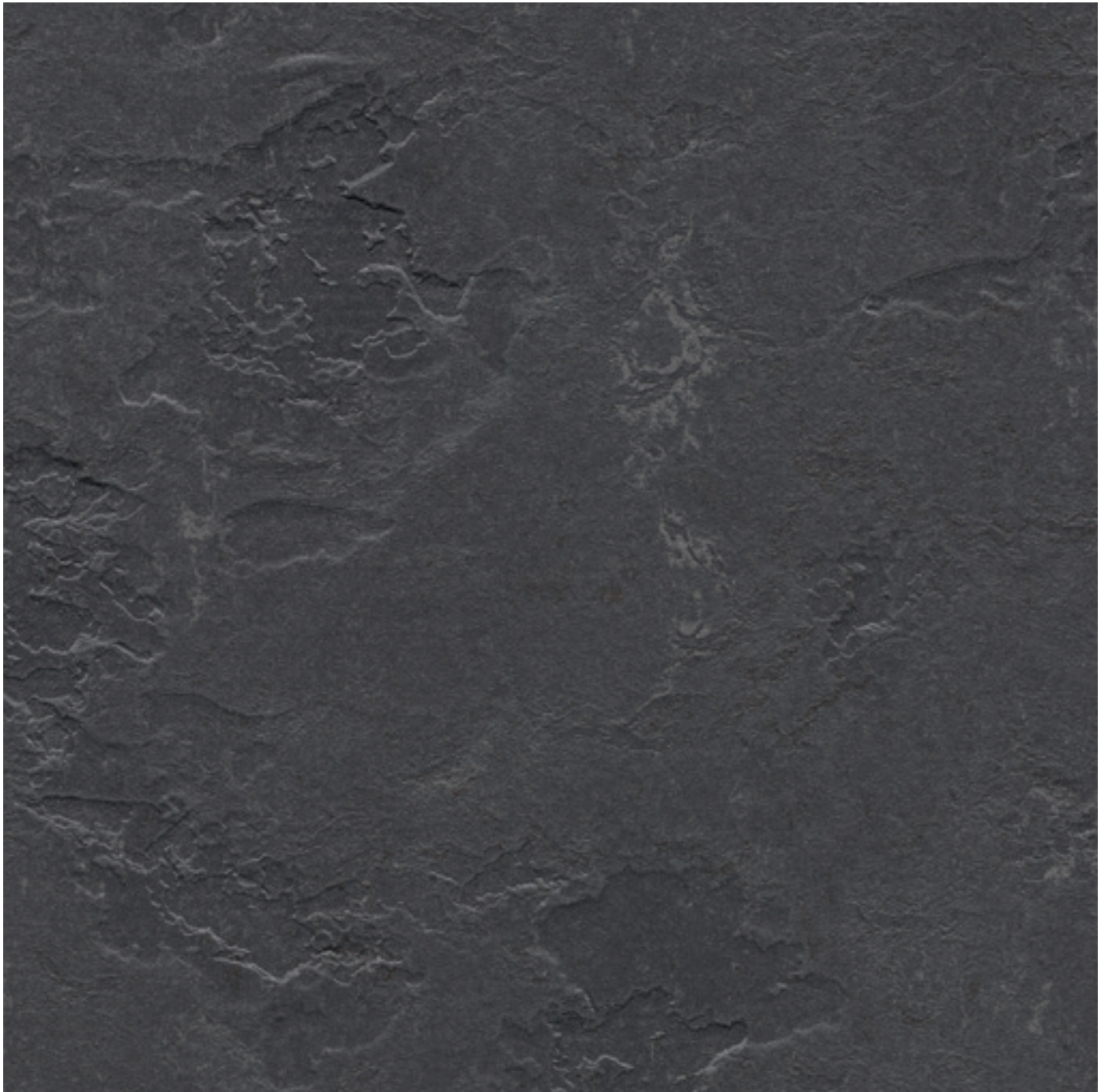
**te3747** | Lakeland shale LRV 21%  
50 x 25 | 50 x 50 cm NCS 5502-Y



**te3745** | Cornish grey LRV 15%  
50 x 25 | 50 x 50 cm NCS 6502-G

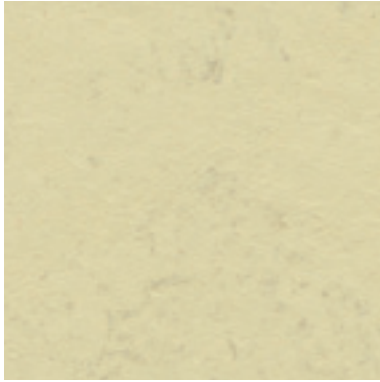


**te3746** | Newfoundland slate LRV 11%  
50 x 25 | 50 x 50 cm NCS 7005-Y50R



**te3725** | Welsh slate  
50 x 25 | 50 x 50 cm

LRV 9%  
NCS 7502-B



**t3722** | stardust LRV 59%  
50 x 25 | 50 x 50 cm NCS 1010 - G80Y



**t3716** | Mercury LRV 50%  
50 x 25 | 50 x 50 cm NCS 1502 - Y



**t3711** | cloudy sand LRV 49%  
50 x 25 | 50 x 50 cm NCS 2010 - Y



**t3568** | delta lace  
**t3704** | satellite



**t3717** | Neptune LRV 38%  
50 x 25 | 50 x 50 cm NCS 2502 - Y



**t3702** | liquid clay LRV 23%  
50 x 25 | 50 x 50 cm NCS 5005 - Y20R



**t3718** | Pluto LRV 30%  
50 x 25 | 50 x 50 cm NCS 3502 - Y



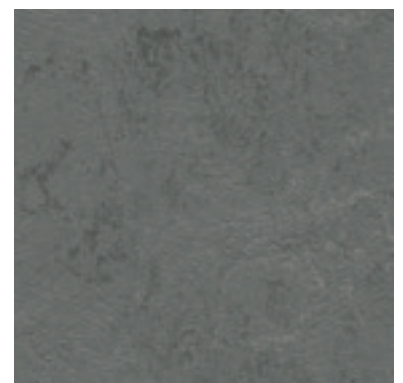
**t3568** | delta lace LRV 13%  
50 x 25 | 50 x 50 cm NCS 7005 - Y20R



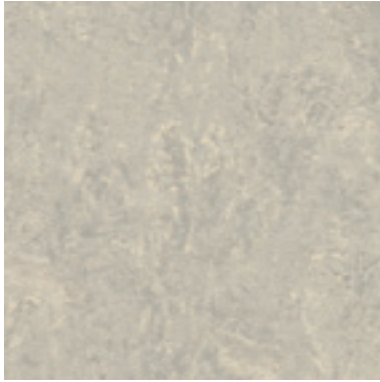
**t3707** | black hole LRV 7%  
50 x 25 | 50 x 50 cm NCS 8500 - N



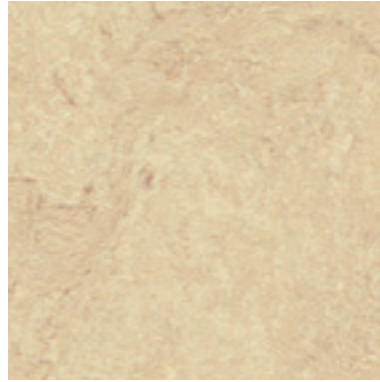
**t3704** | satellite LRV 23%  
50 x 25 | 50 x 50 cm NCS 5502 - Y



**t3745** | Cornish grey LRV 15%  
50 x 25 | 50 x 50 cm NCS 6502 - G



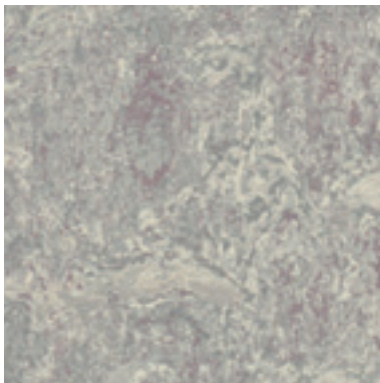
**t3136** | concrete LRV 47%  
50 x 50 cm NCS 3005-G80Y



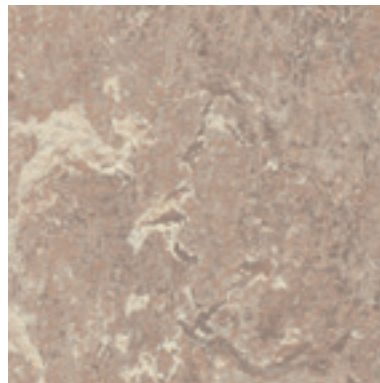
**t2713** | calico LRV 53%  
50 x 50 cm NCS 2010 - Y20R



**t3120** | rosato LRV 51%  
50 x 50 cm NCS 2010 - Y20R



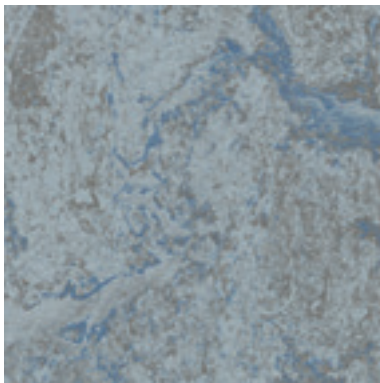
**t3216** | moraine LRV 34%  
50 x 50 cm NCS 4005-G80Y



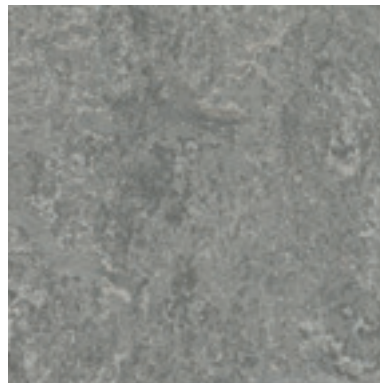
**t3232** | horse roan LRV 40%  
50 x 50 cm NCS 3010-Y20R



**t2707** | barley LRV 49%  
50 x 50 cm NCS 1515 - Y30R



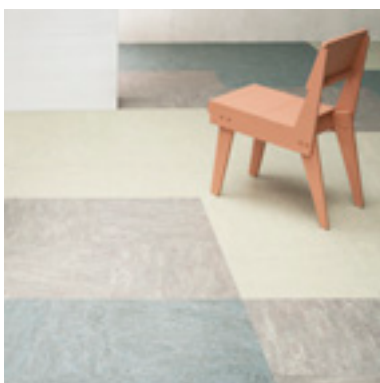
**t3053** | dove blue LRV 27%  
50 x 50 cm NCS 4005 - B80G



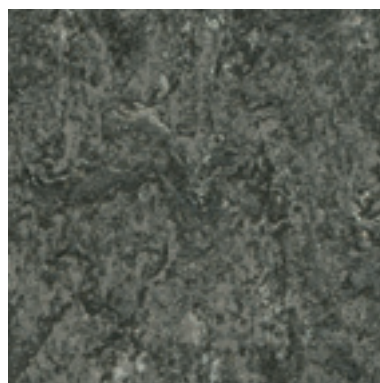
**t3146** | serene grey LRV 27%  
50 x 50 cm NCS 4502-Y



**t3407** | donkey island LRV 36%  
50 x 50 cm NCS 3010 - Y30R



**t3053** | dove blue **t3136** | concrete  
**t3216** | moraine

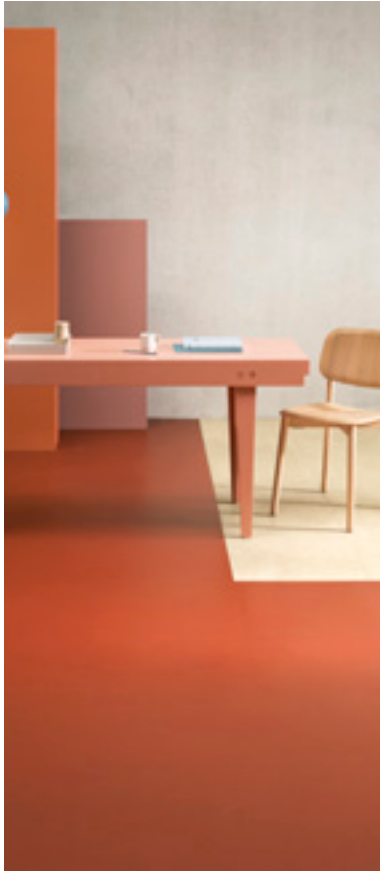


**t3048** | graphite LRV 14%  
50 x 50 cm NCS 7502 - Y



**t3405** | Granada LRV 28%  
50 x 50 cm NCS 5005 - Y20R





**t2713** | calico  
**t3352** | Berlin red



**t3131** | scarlet LRV 13%  
50 x 50 cm NCS 1580-Y90R



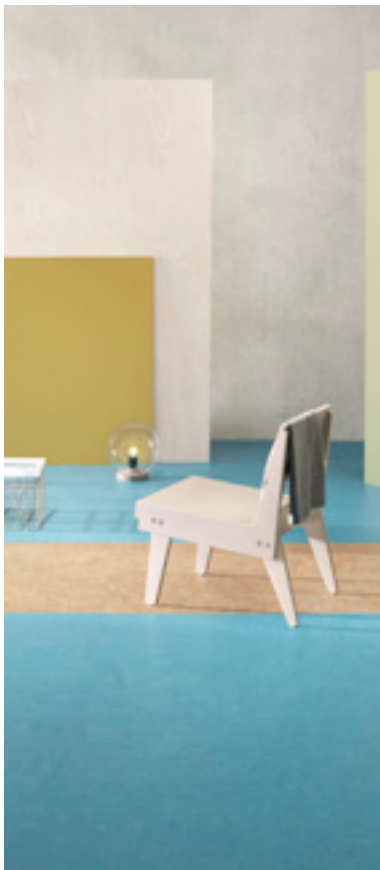
**t3352** | Berlin red LRV 10%  
50 x 50 cm NCS 4050-Y80R



**t3251** | lemon zest LRV 52%  
50 x 50 cm NCS 1050 - Y10R



**t3354** | pumpkin yellow LRV 31%  
50 x 50 cm NCS 2050-Y30R



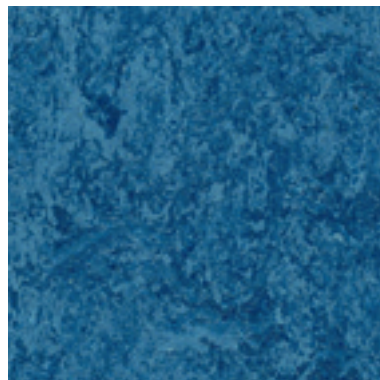
**t3238** | laguna  
**t3407** | donkey island



**t3238** | laguna LRV 30%  
50 x 50 cm NCS 2040 - B10G



**t3362** | yellow moss LRV 30%  
50 x 50 cm NCS 3040 - G90Y






















**t3030** | blue LRV 12%  
50 x 50 cm NCS 5030 - R90B



**t3358** | petrol LRV 9%  
50 x 50 cm NCS 7020 - B10G

# Especificações técnicas

Marmoleum cumpre os requisitos de EN-ISO 24011





	Marmoleum Modular lines, shade, marbled and colour	Marmoleum Modular textura and slate
 Espessura total	EN-ISO 24346	2.5 mm
 Uso doméstico	EN-ISO 10874	Classe 23
 Tráfego comercial	EN-ISO 10874	Classe 34
 Tráfego comercial intenso	EN-ISO 10874	Classe 43
 Dimensões (comprimento x largura)	EN-ISO 24342	50 x 25 cm / 50 x 50 cm / 100 x 25 cm
Embalagem por caixa		5.0 m <sup>2</sup> (40 pcs) / 5.0 m <sup>2</sup> (20 pcs) / 3.0 m <sup>2</sup> (12 pcs)
 Esquadria e retidão	EN-ISO 24342	≤ 0.35 mm
 Resistência à indentação residual Valor típico	EN-ISO 24343-1	≤ 0.15 mm ~ 0.05
 Cadeira de rodas utilização contínua	EN 425 / ISO 4918	Adequado para cadeiras de escritório com rodízios
 Solidez das cores à luz	EN-ISO 105-B02	Método 3: escala azul mínima 6
 Resistência aos produtos químicos:	EN-ISO 26987	Resistente aos ácidos diluídos, óleos, gorduras e aos solventes convencionais. Não é resistente a uma exposição prolongada aos álcalis.
 Propriedades bacteriostáticas*:		Marmoleum tem propriedades bacteriostáticas naturais que são confirmadas por laboratórios independentes, mesmo contra a bactéria MRSA.
 Resistência aos cigarros:	EN 1399	A superfície não é derretida pelos cigarros. As marcas deixadas no Marmoleum em resultado de cigarros apagados podem ser removidas.
 Resistência ao deslizamento (ensaio em rampa)	DIN 51130	R9 R10
 Redução do ruído do impacto acústico	EN ISO 717-2	≤ 5 dB
 Avaliação do ciclo de vida		A LCA é a base para garantir o menor impacto ambiental.
 Eletricidade renovável		O Marmoleum é fabricado utilizando 100% de eletricidade proveniente de fontes renováveis.
Materiais naturais (por exemplo, óleo de linhaça, juta, resina de árvore, madeira, calcário):		O Marmoleum contém madeira certificada PEFC.
SKA		Marmoleum Modular cumpre os critérios de classificação Ska para revestimentos de pavimentos macios M12 em projectos de escritórios, comércio e ensino superior.
 Back to the Floor		Marmoleum and Marmoleum Modular installation cut-offs can be collected and recycled via Back to the Floor
 Conteúdo reciclado:		Marmoleum Modular contém aproximadamente 58% de conteúdo reciclado.
 Aplicação para aquecimento por piso radiante		sim
Método de instalação		Para um resultado ótimo, aconselha-se a instalação de quadrados em mosaico/quarto de volta. Os retângulos podem ser colocados em mosaico e em banda larga.

Marmoleum cumpre os requisitos de EN 14041

EN 14041



0100203-DoP-306

 Reação ao fogo	EN 13501-1	C <sub>s</sub> -s1
 Resistência ao deslizamento	EN 13893	DS: ≥ 0.30
 Voltagem corporal	EN 1815	< 2 kV
 Condutividade térmica	EN 12524	0.17 W/m-K

## Classificações BREEAM (genéricas)

Linóleo - Linóleo liso e decorativo (EN548)	Edifício Tipo Comercial	Educação	Educação	Doméstico	Retalho (Durabilidade)	Retalho (Durabilidade)	Cumpre os critérios Ska
	A	A+	A+	A	A+	A+	√

O nosso adesivo recomendado para o Marmoleum Modular é o 611 Eurostar Lino Plus ou o 414 Euroflex Lino Plus. O Marmoleum Modular não necessita de soldadura.



All Forbo Flooring Systems' sales organisations and manufacturing sites worldwide have certified Quality Management Systems in accordance with ISO 9001. All Forbo Flooring Systems' manufacturing plants have certified Environmental Management Systems in accordance with ISO 14001. Marmoleum is manufactured in a facility certified to SA8000® and ISO 45001. The Life Cycle Assessment (LCA) of Forbo Flooring Systems' products is documented in individual Environmental product declarations (EPD's) or local building rating schemes such as BREEAM.

## Forbo Revestimentos

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creating better environments



FLOORING SYSTEMS