

Forbo Environmental Data Sheet

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| Product name | Furniture Linoleum Desktop |
| Product description | Furniture Linoleum can be applied as a surface on furniture in numerous areas such as offices and similar work environments. |
| Manufacturing location | Assendelft, Netherlands |
| Site accreditation | ISO14001, ISO 9001, OHSAS 18001, SA8000® |



Our footprint – how it's made

| Environmental data | |
|---------------------------------------------|--------|
| Total recycled content of product by weight | 27.5% |
| Post industrial recycled content | 27.5% |
| Post consumer recycled content | 0% |
| % renewable electricity used | 100% |
| CO ₂ per m ² | 3.83kg |

| Independent assessment and rating | |
|--------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| ISO 9001 Quality Management System |  |
| ISO 14001 Environmental Management System |  |
| Furniture Linoleum is manufactured in a SA8000® certified facility |  |

| Carbon footprint | | |
|-----------------------------------------------------------------------------------------------------|------------------------------|--------------------------------------------|
| Estimated carbon footprint using data from Environmental product declaration according to ISO 14025 | Raw materials and production | -0.25 kg CO ₂ eq/m ² |
| | Use (1 year) | -0.07 kg CO ₂ eq/m ² |

Your footsteps – how it performs

| Health and well being | |
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| Bacteriostatic properties | Marmoleum has independent tests to prove that it inhibits bacteria such as MRSA, C Difficile, Norovirus, Acinetobacter baumannii |

| Installation | |
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| Recommended adhesives | Forbo recommends the use of 414/696 Euroflex lino plus low solvent . Fast tack linoleum adhesive. Where contribution to credits for BREEAM sections HEA2 and HEA9 are required then low emission adhesive Eurocol 614 Eurostar Lino plus should be used. If a permanent bond is required, please use Eurocol 640 Eurostar special. |
| | Installation off-cuts of Furniture Linoleum can be collected via our Back to the Floor scheme and recycled back into Marmoleum at our plant in Scotland. |

Maintenance

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| Topshield2 | Unique dual layer finish. Resistant to staining and scuffing so reducing the amount of cleaning required. Can be completely rennovated, unlike PUR finishes. |
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End of life

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| Furniture Linoleum can be recycled or composted. |
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Contribution to Green Building Schemes

Ska scheme (RICS)

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|---------------------------------------------------------------------|-------|
| M12 soft floor covering criteria (Ska Offices Vs 1.2 2013) | Meets |
| M12 soft floor covering criteria (Ska Retail Vs 1.0 2012) | Meets |
| M12 soft floor covering criteria (Ska Higher Education Vs 1.0 2016) | Meets |

LEED (version 2.2)

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|--------------------------------------------------------------------------------|-------------------------------------|-----------------------------------------------------------|------------------------------------------------------|----------------------------------|
| 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 | |
| | 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 | |

Forbo design principles (Reduce, Recycle, Reuse, Renew)

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| Reduce | Marmoleum's Topshield2 finish significantly reduces cleaning and maintenance costs in life. Marmoleum is made from 97% natural raw materials. |
| Reuse | All Marmoleum site offcuts can be returned to Forbo for reprocessing using our Back to the Floor initiative. After Marmoleum's long life it can be incinerated for landfill and this reclaims more energy that is used in production. It is also biodegradable in a controlled environment. |
| Recycle | Packaging used to deliver raw materials is seperated and recycled externally. |
| Renew | All Furniture Linoleum is produced using 100% renewable electricity. Marmoleum contains 72% of rapidly renewable materials, i.e. they can be harvested within 10 years of planting |