

LEED®



Leadership in Energy & Environmental Design (LEED) is a sustainable building certification programme that rewards best-in-class building strategies and practices. Stringent criteria are set which a building project must meet in order to achieve LEED certification. In doing so, specifiers will seek to use the most sustainable options available for the project.

Certified	Silver	Gold	Platinum
40-49 points	50-59 points	60-79 points	80+ points

There are four levels of certification available. The number of points achieved establishes the level of LEED certification for that project (see above).

Currently LEED v2009 (valid until June 2015) and LEED v4 (which took effect in November 2013) co-exist. Polyflor floorcoverings have the potential to contribute to LEED® credits, with a detailed explanation of how our products fulfil the requirements outlined below:

LEED v2009

Materials & Resources

Building Reuse - MR Credit 1.1 (maintain 75% of existing floors). Polyflor SimpLay can be reused as it does not require adhesive to be installed. Smooth uplift can be recycled but SimpLay may also be reused elsewhere, given its potential lifespan of 20-25 years.

Construction Waste Management - MR Credit 2.1 (divert 50% from disposal) & MR Credit 2.2 (divert 75% from disposal). Polyflor is 100% recyclable and post consumer waste including off-cuts and smooth uplifted waste can be recycled through the Recofloor scheme (of which Polyflor is a founding and funding member), which complies with site waste management legislation and diverts vinyl flooring waste (off-cuts and uplifted) from going to landfill.

Recycled Content - MR Credit 4.1 (10% recycled content: ½ post-consumer; ½ pre-consumer) & MR Credit 4.2 (20% recycled content: ½ post-consumer; ½ pre-consumer). Polyflor flooring contains up to 40% recycled material, which typically includes post-consumer waste from the project site as well as pre-consumer (or post-production) waste, including process and sampling waste for instance.

Regional Materials - MR Credit 5.1 (10% extracted, processed & manufactured regionally) & MR Credit 5.2 Regional Materials (20% extracted, processed & manufactured regionally). As a global company, Polyflor flooring is manufactured in the UK, Central Europe and Asia. Materials used in Polyflor flooring are locally sourced, minimising environmental impact. Credit can be achieved for this depending on the particular product used and location of the project.

Indoor Environmental Quality

Low emitting materials (carpet systems) - IEQ Credit 4.3

This also refers to VOC (Volatile Organic Compounds) emissions of resilient flooring and Polyflor can contribute to this credit through certification of its low emitting products. Particularly relevant to LEED assessments, all Polyflor floorcoverings have achieved FloorScore® certification (certificates are available online at www.polyflor.com and www.scs-certified.com). VOC certification is also available via alternative test methods, including AgBB and Indoor Air Comfort Gold.

LEED v4

LEED V4 is the evolutionary next step from LEED v2009. LEED v4 focuses on increasing technical stringency and transparency from past versions and developing new requirements for project types such as data centres; warehouses & distribution centers; hotels/motels; existing schools; existing retail and mid-rise residential.

Materials & Resources

Building Product Disclosure and Optimization- Environmental Product Declarations. Polyflor can contribute to the LEED credit through its product-specific environmental product declaration (EPD), which can provide 1 point; or its generic EPD which may contribute 0.5 points.

Building Product Disclosure and Optimization-Sourcing of Raw Materials. Polyflor flooring contains up to 40% recycled material, which typically includes post-consumer waste from the project site as well as pre-consumer (or post-production) waste, including process and sampling waste for instance. Polyflor is 100% recyclable and post consumer waste, including off-cuts and smooth uplifted waste can be recycled. Alternatively, Polyflor SimpLay can be reused as it does not require adhesive to be installed and given its potential lifespan of 20-25 years.

Construction and Demolition Waste Management. The Recofloor scheme (of which Polyflor is a founder and funding member) complies with site waste management legislation and diverts vinyl flooring waste (off-cuts and uplifted) from going to landfill.

Indoor Environmental Quality

Low Emitting Materials

Polyflor can contribute to this credit through certification of its low emitting products. Particularly relevant to LEED assessments, all Polyflor floorcoverings have achieved FloorScore® certification (certificates are available online at www.polyflor.com and www.scs-certified.com). VOC certification is also available via alternative test methods, including AgBB and Indoor Air Comfort Gold.