About EPD

Environmental assessments or 'Green Labels' legitimately help specifiers make informed decisions on the environmental profiles of construction products. Environmental Product Declarations are the next step.

There are many different green labels to choose from worldwide. This proliferation can make it difficult to make a choice and also get the clearest and most up to date environmental information, confusing the global market. Specifiers are ever more discerning over green claims and want reliable, consistent data. With that in mind, the European working group CEN TC 350 created the new standard EN 15804 Sustainability of Construction Works - Environmental Product Declarations (EPD). With the aim of creating ONE pan European and Worldwide harmonised standard for reporting of environmental performance.

· They communicate verifiable, accurate, non-misleading environmental information for products and their applications, expressed in information modules, which allow easy organisation and expression of data throughout the life cycle of the product

· The standard provides a way to develop a Type III environmental declaration of construction products and is part of a collection of standards intended to assess the sustainability of construction works. It provides core product category rules (PCR) for the Type III declarations

· Harmonisation of schemes such as BREEAM (UK), DGNB (Germany), fDES (France) and Green Tag (Australia), for example = EN 15804

· Since July 2013, EPDs are now part of the Construction Products' Regulation (CPR)

· EPDs provide a system that is open to all of Europe without creating barriers to trade

· ERFMI generic profiling is available across all resilient flooring categories

· Products can be individually assessed or ERFMI generic profiling is available – either dataset is independently verified by Institut Bauen und Umwelt e.V. (IBU)

· Verified EPDs are listed on systems such as the IBU and DGNB navigator databases

· They could be adopted within 2 years across Europe

· The information is reported in the same way across all building products

EPD's provide completely transparent information about Polyflor products and their impact on the environment

There are 24 environmental indicators within the assessment process of the EPD, which are broken down into the following categories:

7 Environmental Impact Indicators

10 Resource Indicators

3 Waste Indicators

4 Output Flow Indicators

Critically the 7 Environmental Impact Indicators include:

GWP - Global Warming Potential

ODP - Ozone Depletion Potential

AP - Acidification Potential

EP - Eutrophication Potential

POCP - Formation of Potential of Tropospheric Ozone

ADP - Abiotic Depletion Potential of non-fossil fuels

ADP - Abiotic Depletion Potential of fossil resources

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Polyflor EPDs

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In 2012 Polyflor were part of the ERFMI EN 15804 generic data set for creation of industry EPDs which were successfully, independently verified by IBU. All generic and product specific EPDs are written to the rules and standards according to EN 15804 and ISO 14025.

The ERFMI's 'generic' data set for EPDs include the following – again independently verified by IBU:

- EN 10581 PVC Homogeneous
- EN 10582 PVC Heterogeneous (compact)
- EN 651 PVC Heterogeneous (foam backed)
- EN 13845 PVC Safety Flooring
- EN 649 Luxury Vinyl Tiles
- EN 1817 Rubber (smooth)

Using EPDs on BREEAM & LEED assessments

A benefit of specifying a product with an EPD is that extra points can be gained on BREEAM and LEED assessments:

- One bonus 'uplift' point can be awarded for the use of one of our ranges where a product specific BRE environmental profile or 3rd party verified EN 15804 compliant EPD is available
- Polyflor ranges can contribute to the LEED v4 score through specific environmental product declarations (EPD), which can provide 1 point; or generic EPDs which may contribute 0.5 points

To view EPDs, please go to www.polyflor.com/environment or www.bau-umwelt.de

For more information, contact Polyflor on 0161 7671111 or info@polyflor.com

SAFETY	EN 15804 EPD Specific	EN 15804 EPD Generic
Polysafe Astral PUR		EPD-ERF-2013611-E
Polysafe Mosaic PUR		EPD-ERF-2013611-E
Polysafe Corona PUR		EPD-ERF-2013611-E
Polysafe Vogue Ultra PUR		EPD-ERF-2013611-E
Polysafe Standard PUR		EPD-ERF-2013611-E
Polysafe Wood fx PUR		EPD-ERF-2013611-E
Polysafe Wood fx Acoustix PUR		EPD-ERF-2013611-E
Polysafe Modena PUR		EPD-ERF-2013611-E
Polysafe Arena PUR		EPD-ERF-2013611-E
Polysafe Verona PUR		EPD-ERF-2013611-E
Polysafe Hydro		EPD-ERF-2013611-E
Polysafe Hydro Evolve		EPD-ERF-2013611-E
Polysafe Strata		EPD-ERF-2013611-E
Polysafe Ultima		EPD-ERF-2013611-E
Polysafe Apex		EPD-ERF-2013611-E
Polysafe Ecomax		EPD-ERF-2013611-E
HOMOGENEOUS		
Pearlazzo PUR		EPD-ERF-2013111-E
2000 PUR		EPD-ERF-2013111-E
Classic Mystique PUR		EPD-ERF-2013111-E
Mystique PUR		EPD-ERF-2013111-E
Prestige PUR		EPD-ERF-2013111-E
Standard XL		EPD-ERF-2013111-E
XL PU		EPD-ERF-2013111-E
Polyflex Plus PU		EPD-ERF-2013111-E
HETEROGENEOUS		
Harmony fx PUR		EPD-ERF-2013211-E
Forest fx PUR		EPD-ERF-2013211-E
Mineral fx PUR		EPD-ERF-2013211-E
Acoustix Harmony fx PUR		EPD-ERF-2013311-E
Acoustix Forest fx PUR		EPD-ERF-2013311-E
Acoustix Gallery fx PUR		EPD-ERF-2013311-E
LVS		
Secura		EPD-ERF-2013411-E
LVT		
Expona Design PUR	EPD-JHP-2013111-E	
Expona Commercial PUR	EPD-JHP-2013211-E	
Expona Control PUR		EPD-ERF-2013611-E
Bevel Line PUR		EPD-ERF-2013511-E
Camaro PUR		EPD-ERF-2013511-E
Colonia PUR		EPD-ERF-2013511-E
RUBBER		
Diamant		EPD-ERF-2013711-E

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