

About EPDs

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.

- EPDs 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

- EN 15804 creates harmonisation of schemes such as BREEAM (UK), DGNB (Germany), FDES (France) and Green Tag (Australia)
- Since 2013, EPDs are part of the Construction Products' Regulation (CPR)
- EPDs provide a standardised system, preventing barriers to trade
- Our EPDs are available via product specific IBU EPDs, generic ERFMI EPDs and INIES FDES
- The information is reported in the same way across all building products

EPDs 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:

- Environmental Impact Indicators
- Resource Indicators
- Waste Indicators
- 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

Using EPDs on BREEAM and 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 (ISO 14025) 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.

Polyflor EN 15804 EPDs

Products can be individually assessed, or generic profiling is available. Polyflor contributes to the EN 15804 generic data set for the creation of ERFMI EPDs and INIES FDES. The following categories all have EPDs and most have FDES:

- 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)

As well as generic EPDs, Polyflor has product specific EPDs for several LVT product ranges. The datasets used on generic and specific EPDs have been independently verified by Institut Bauen und Umwelt e.V. (IBU) and both generic and product specific EPDs are written to the rules and standards according to EN 15804 and ISO 14025. Polyflor EPDs are listed on systems such as the IBU and DGNB (Deutsche Gesellschaft für Nachhaltiges Bauen e.V. / German Sustainable Building Council) navigator databases.

Products	IBU Product Specific EPD	ERFMI Generic EPD	INIES FDES
SAFETY			
Polysafe Quattro		EPD-ERF-2013611-E	
Polysafe QuickLay PUR		EPD-ERF-2013611-E	
Polysafe Astral PUR		EPD-ERF-2013611-E	
Polysafe Mosaic 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 Original		EPD-ERF-2013611-E	
Polysafe Verona PUR Pure Colours		EPD-ERF-2013611-E	
Polysafe Hydro		EPD-ERF-2013611-E	
Polysafe Hydro Evolve		EPD-ERF-2013611-E	
Polysafe Ultima		EPD-ERF-2013611-E	
Polysafe Apex		EPD-ERF-2013611-E	
Polysafe Ecomax		EPD-ERF-2013611-E	
Expona Control PUR		EPD-ERF-2013611-E	
HOMOGENEOUS			
Palettone PUR		EPD-ERF-2013111-E	3-1413:2018
Palettone SD		EPD-ERF-2013111-E	3-1413:2018
Pearlazzo PUR		EPD-ERF-2013111-E	3-1413:2018
2000 PUR		EPD-ERF-2013111-E	3-1413:2018
Classic Mystique PUR		EPD-ERF-2013111-E	3-1413:2018
Prestige PUR		EPD-ERF-2013111-E	3-1413:2018
Standard XL		EPD-ERF-2013111-E	3-1413:2018
XL PU		EPD-ERF-2013111-E	3-1413:2018
Polyflex Plus PU		EPD-ERF-2013111-E	3-1413:2018
Palettone SD		EPD-ERF-2013111-E	3-1413:2018
Polyflor SD		EPD-ERF-2013111-E	3-1413:2018
Finesse SD		EPD-ERF-2013111-E	3-1413:2018
OHMega EC		EPD-ERF-2013111-E	3-1413:2018
Polyflor EC		EPD-ERF-2013111-E	3-1413:2018
Polyflor ROF		EPD-ERF-2013111-E	3-1413:2018
HETEROGENEOUS			
Forest fx PUR		EPD-ERF-2013211-E	3-1407:2018
Expona Flow PUR		EPD-ERF-2013211-E	3-1407:2018
Bloc PUR		EPD-ERF-2013211-E	3-1407:2018
HETEROGENEOUS ACOUSTIC			
Silentflor		EPD-ERF-2013311-E	3-1408:2018
Acoustix Forest fx PUR		EPD-ERF-2013311-E	3-1408:2018
LVS			
Secura PUR		EPD-ERF-2013411-E	
Designatex PUR		EPD-ERF-2013411-E	
LVT			
Expona Simplay	EPD-JHA-20140178-ICA1-EN	EPD-ERF-2013511-E	3-1414:2018
Expona Design PUR	EPD-JHP-2013111-E	EPD-ERF-2013511-E	3-1414:2018
Expona Commercial PUR	EPD-JHP-2013211-E	EPD-ERF-2013511-E	3-1414:2018
Bevel Line PUR		EPD-ERF-2013511-E	3-1414:2018
Camaro PUR		EPD-ERF-2013511-E	3-1414:2018
Camaro Loc PU		EPD-ERF-2013511-E	3-1414:2018
Colonia PUR		EPD-ERF-2013511-E	3-1414:2018
Affinity 255		EPD-ERF-2013511-E	3-1414:2018