

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 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 standard EN 15804 Sustainability of Construction Works - Environmental Product Declarations (EPD) - with the aim of creating ONE worldwide harmonised standard for reporting of environmental performance.

EPDs provide transparent information about Polyflor products and their impact on the environment, based on the following 7 Environmental Impact Indicators:

- Global Warming Potential (GWP)
- Ozone Depletion Potential (ODP)
- Acidification Potential (AP)
- Eutrophication Potential (EP)
- Formation of Potential of Tropospheric Ozone (POCP)
- Abiotic Depletion Potential of non-fossil fuels (ADP)
- Abiotic Depletion Potential of fossil resources (ADP)

Good to Know

- 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 / HQE (France) and Green Tag (Australia)
- Since 2013, EPDs are part of the Construction Products' Regulation (CPR)
- Our EPDs are available via product specific IBU EPDs, generic ERFMI EPDs and INIES FDES

EPD benefits

A benefit of specifying a product with an EPD is that it supports the environmental goals of the stakeholders from design to use, but importantly, the construction or retrofit projects including SKA Ratings and HQE. Specifically, 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 10582 Luxury Vinyl Tiles
- EN 1817 Rubber (smooth)

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. INIES FDES are available on the INIES database.

How to access Polyflor EPDs

- For generic and product specific EPDs, visit www.polyflor.com/sustainability or www.ibu-epd.com/en/published-epds
- To view FDES, visit www.inies.fr

Product Type	Ranges	IBU Product Specific EPD	ERFMI Generic EPD	INIES FDES
Homogeneous	Palettone PUR	-	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
Heterogeneous	Polyflor ROF	-	EPD-ERF-2013111-E	3-1413:2018
	Forest fx PUR	-	EPD-ERF-2013211-E	3-1407:2018
	Expona Flow PUR	-	EPD-ERF-2013211-E	3-1407:2018
Safety	Bloc PUR	-	EPD-ERF-2013211-E	3-1407:2018
	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 Stone fx PUR	-	EPD-ERF-2013611-E	-
	Polysafe Verona PUR: <i>Original</i>	-	EPD-ERF-2013611-E	-
	Polysafe Verona PUR: <i>Pure Colours</i>	-	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	-
	Expona Control PUR	-	EPD-ERF-2013611-E	-
Acoustic	Silentflor PUR	-	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 PUR	EPD-JHA-20140178-ICA1-EN	-	3-1414:2018
	Expona Design PUR	EPD-JHP-2013111-E	-	3-1414:2018
	Expona Commercial PUR	EPD-JHP-2013211-E	-	3-1414:2018
	Expona Bevel Line PUR	-	EPD-ERF-2013511-E	3-1414:2018
	Affinity 2 ⁵⁵ PUR	-	EPD-ERF-2013511-E	3-1414:2018
	Camaro PUR	-	EPD-ERF-2013511-E	3-1414:2018
	Colonia PUR	-	EPD-ERF-2013511-E	3-1414:2018
	Camaro Loc PUR	-	EPD-ERF-2013511-E	3-1414:2018
	Camaro Rigid Core PUR	-	EPD-ERF-20180185-CC11-EN	3-1414:2018
Expona EnCore Rigid Loc PUR	-	EPD-ERF-20180185-CC11-EN	3-1414:2018	