Cradle to Cradle Certified® Circularity Data & Cycling Instructions

Product Name: **Nofisol Acoustical Products (Standard; eXtreme and High value barriers)**

Certification Level: **Silver**

Company Name: **Nofisol Europe BV**

Product Circularity Level: **Silver**

Certification #:

Circular Sourcing	1	Cycled content type:	Pre-consumer recycled content (8% - 9%), Post-consumer recycled content (1%)
		Description of cycled content source:	10% in average of the stone wool of the product (that is between 29,2 and 96,6 of the product) is recycled. Both the average (10%) and the minimun (9%) recycled content is indicated since some years limitations can appear that don't allow to reach the 10%. 8% - 9% Pre-consumer “use” recycled material (ISO 14021) and 1% Post-consumer “use” recycled material (ISO 14021).
	2	Potential contaminants tested in recycled content:	Other (replace with other contaminant(s) tested)
		Description of tests conducted and recycled content materials tested:	Geological testing and VOC testing have been conducted.
	3	Biomass source of renewable material in the product:	
		Description of renewable material source:	No renewable material sources in the product
	4	Potential contaminants tested in renewable content:	
		Description of tests conducted and renewable materials tested:	No renewable material sources in the product
	5	Source of virgin non-renewable material in the product:	Geologic (29,197% - 96,441%), Metallic (1,1071% - 4,979%), Thermopolymer (32,404% - 68,127%)
		Description of virgin non-renewable material source:	Geologic: Stone wool Metallic: Aluminium and strips Thermopolymer: EPDM
	6	Potential contaminants tested in virgin non-renewable content:	Other (replace with other contaminant(s) tested)
		Description of tests conducted and non-renewable materials tested:	Geologic: Stone wool Metallic: Aluminium and strips Thermopolymer: EPDM
Circular Design	1	Product's intended cycle:	Designed for technical cycling
	2	Design for maintenance, repair, or refurbishment:	Not designed for maintenance, repair, or refurbishment
	3	Product defined functional use period:	Stone wool itself has a very long lifespan, an average of 75 years
	4	Intended cycling pathway(s):	Remanufacturing, Recycling
		Description of tests conducted to support cycling via the intended pathway(s):	
Circular Systems	1	Circularity, material health, or other related certifications or standards, that have been obtained for the product, restricted substance/chemical lists and/or related chemical or circularity regulations:	
	2	Intended disassembly and extraction scenarios:	
	3	Reverse logistics mechanism in place for extraction and reprocessing of the product:	De-installation and extraction (through dedicated take-back), Transport (through dedicated take-back), Drop-off point (through dedicated take back), Transaction e.g. deposit, residual value (through dedicated take-back), Reprocessing of materials (through dedicated take-back)
		Description of reverse logistics in place for extraction and reprocessing of the product:	Nofisol is exploring possibilities for re-using materials by taking it back from the project, separate the materials and re-use them, in a partnership with Renewi.
Cycling Instructions	1	Procedure for identification of homogeneous materials in the product intended for cycling:	Since the product will be returned to Nofisol, they know the homogeneus materials that are intended for cycling.
	2	Instructions for the cleaning, maintenance, and repair of the product or a link to where these instructions may be found (if cleaning, maintenance, or repair is required during product use):	No instructions for cleaning, maintenance or repair provided.
	3	Instructions for the extraction, recovery, disassembly, and reprocessing of the product or a link to where these instructions may be found:	Instructions for disassembly: 1. After separating the glued plate, a small cut along the side of the strips must be done, so the strips and glue are separated from the base plate. 2. The foil can be easily separated from the plates by pulling it off. 3, All homogeneous components are disassembled now for re-use or recycling.