

ISOPAN FOR LEED® CERTIFICATION

Our contribution to the efficiency
and sustainability of buildings

LEED BD+C V4

What is LEED®

LEED® (Leadership in Energy Environmental Design) is a voluntary certification system for the management, design and construction of buildings that are sustainable from a social, environmental and economic point of view and in terms of the wellbeing of the users.

Established in the United States in 1993 by the U.S. Green Building Council (USGBC), LEED is now the most widespread building sustainability certification standard in the world. It considers every field that involves the design and management of buildings or neighbourhoods, both commercial and residential new or undergoing requalification.

Isopan insulating panels contribute toward satisfying prerequisites and credits under LEED®.

Energy efficiency and savings are the guiding concepts to Isopan production management as well as our commitment to the research and development of innovative solutions. Our insulating panels for roofs or walls contribute toward satisfying prerequisites and credits under LEED BD+C (Building Design and Construction) V4 in the following areas:

INTEGRATIVE PROCESS
Integrated process



SUSTAINABLE SITES
Sustainable sites



ENERGY AND ATMOSPHERE
Energy and atmosphere



MATERIALS AND RESOURCES
Materials and resources



INDOOR ENVIRONMENTAL QUALITY
Indoor environmental quality



CHART OF ISOPAN CONTRIBUTION TO LEED V4

IP AREA

Prerequisite	IPP	Integrative process planning and design - Healthcare	Isopan Team
Credit	IPC	Integrative process	Isopan Team

SS AREA

Credit	SSC4	Rainwater management	PVC Flat Roof range
Credit	SSC5	Heat island reduction	PVC Flat Roof range

EA AREA

Prerequisite	EAP1	Fundamental commissioning and verification	All ranges
Credit	EAC1	Enhanced commissioning and verification	All ranges
Prerequisite	EAP2	Minimum energy performance	All ranges *
Credit	EAC2	Optimize energy performance	All ranges *

MR AREA

Prerequisite	MRP2	Construction and demolition waste management planning	All ranges
Credit	MRC5	Construction and demolition waste management	All ranges
Credit	MRC1	Building life cycle impact reduction - option 4. LCA buildings	LCA data ref. EPD
Credit	MRC2	Building product disclosure and optimization Environmental Product Declarations - option 1: EPD	EPD Isocop, Isobox, Isofire **
Credit	MRC3	Building product disclosure and optimization Sourcing of raw materials - option 2: recycled content	According to range specification
Credit	MRC4	Building product disclosure and optimization Material ingredients - option 2 REACH optimisation	According to range specification

EQ AREA

Credit	EQC3	Construction indoor air quality management plan	All ranges
Credit	EQC5	Thermal comfort	All ranges *
Credit	EQC9	Acoustic performance	Isofire Roof Fono, Isofire Wall Fono

* Excluding corrugated sheets

** EPDs: Industry Wide – With Third party certification - Explicitly recognised as participant

- EPD-EPQ - 20130169 Double skin steel facades sandwich panels with core made of mineral wool
- EPD-EPQ - 20130170 Double skin steel facades sandwich panels with core made of polyurethane

Ref. Isocop, Isobox, Isofire Roof & Wall



MAPPED ISOPAN PRODUCTS

ROOFS Isocop Isosmart Isodomus Isotap Isodeck PVSteel Isodeck Isofire Roof - Mineral Fibre Isofire Roof Fono - Mineral Fibre Isodeck PVSteel Fibre	WALLS Standard exposed application - Isobox type Walls with concealed application - Plissé, Evo type Isofrigo MF joint Isofrigo injected joint Isofire Wall exposed application Isofire Wall concealed application - Plissé, Evo type Isofire Wall Fono	CORRUGATED SHEETS type LG 40
		SYSTEMS ARK WALL Isocappotto



ITALY

Verona | Italy
Frosinone | Italy

WORLD

ISOPAN IBERICA

Terragona | Spain

ISOPAN EST

Popești Leordeni | Romania

ISOPAN DEUTSCHLAND GmbH

OT Plötz | Germany

ISOPAN RUS

Volgogradskaya oblast' | Russia

ISOCINDU

Guanajuato | Mexico

ISOPAN FRANCE

Mérignac | France

ISOPAN Manni Group CZ

Praha | Czech Republic

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