



LEED® RATING SYSTEM

LEED is a voluntary certification system created by U.S. Green Building Council in order to design, construct and manage environmentally responsible buildings and communities. It may be used for all types of building and promotes a holistic approach, based on the life cycle of the building.

In addition, LEED is a flexible, articulated system providing different frameworks for newly-constructed buildings, renovations of existing buildings, small homes and urban areas, while maintaining a consistent basic approach. LEED certification is the most widely used and internationally recognised building rating system.

The use of wood-based panels manufactured by **Frati Luigi S.p.A.** contributes towards earning LEED certification for both newly-constructed and renovated buildings. Under LEED terms, the product itself does not receive points, as they are exclusively attributed to the finished building.

LEED® standards have been developed in the United States since 1993 and nowadays they are applied in more than 160 countries worldwide. This system is based on giving points for each requirement related to the environmental performance of the building (credits). The credits add up to determine the certification level: Certified, Silver, Gold and Platinum. LEED® standards indicate the requirements to build eco-compatible buildings which are energy- and water-efficient, as well as fully integrated with the local community and services, by using materials that have low environmental impact and provide good-quality indoor environment. It was observed that certified buildings receive higher economic recognition on the market, not only in terms of absolute value, but also being faster to lease out and enhancing employees' productivity by providing a healthier work environment.

LEED® rating system allows assessing the contribution that single materials may bring to a building

Wood-based panels manufactured by **Frati Luigi S.p.A.** may contribute towards the final score assigned to buildings which implement LEED® standards versions 3-2009, 4 and 4.1, as follows:

- According to the LEED® BDC V2009 rating system:
 - MRc4 - Recycled content;
 - MRc5 - Regional materials;
 - MRc7 - Certified Wood;
 - QI c.4 - Low-emitting materials.
- According to the LEED® BDC V4 and V4.1 rating systems:
 - MR Building product disclosure and optimization: sourcing of raw materials;
 - EQc2 – Low-emitting materials.





In summary, wood-based panels manufactured by **Frati Luigi S.p.A.** contribute towards the final score of the building by providing the following LEED credits:

RATING SYSTEM	VERSION	CREDIT	POINT(S)	NAME	COMPLIANCE
LEED BD+C	V3 - 2009	MR c4	1-2	Recycled content	Self-declaration regarding recycled material content (90% as a minimum). REMADE in Italy certificate no. P2426.
LEED BD+C	V3 - 2009	MR c5	1-2	Regional materials	Recycled wood material is gathered and extracted at the company site in Pomponesco (post code 46030, MN).
LEED BD+C	V3 - 2009	MR c7	1	Certified Wood	The company is certified according to FSC and PEFC manufacturing systems (certificate no. ICILA-COC-000037 and ICILA-PEFCCOC-000145).
LEED BD+C	V3 - 2009	QI c4.4	1	Low-emitting materials	CATAS Title VI (Carb Phase 2) certification.

RATING SYSTEM	VERSION	CREDIT	POINT(S)	NAME	COMPLIANCE
LEED BD+C	V4	QI	up to 3	Low-emitting materials	CATAS Title VI (Carb Phase 2) certification is suitable for projects in Europe.
LEED BD+C	V4.1	QI	up to 3	Low-emitting materials	CATAS Title VI (ULEF) certification.
LEED BDC + c	V4	MR	1-2	BPDO - Sourcing of raw materials	Self-declaration regarding recycled material content (90% as a minimum). REMADE in Italy certificate no. P2426. Note: credit achievement calculation also mentions sourcing products within 160 km.





FRATI LUIGI S.p.A. is a member of Green Building Council Italia.



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