

### LEED Green Building Certification System (Leadership in Energy and Environment Design)

LEED is an independent sustainable building certification program. LEED certification provides third-party validation of the sustainable characteristics of a project.

Building projects that qualify for this certificate earn LEED points for meeting specific sustainable building standards. In each of the eight LEED credit categories, projects must meet certain pre-requirements and earn points. These credits or points are divided into the following categories:

- Location and Transport (16 points)
- Sustainable locations (10 points)
- Efficient use of water (11 points)
- Energy and Atmosphere (33 points)
- Materials and Resources (13 points)
- Indoor Environmental Quality (16 points)
- Innovation in design (6 points)
- Regional priority (4 points)

The STACBOND® aluminium composite panel can contribute to the computation for LEED certification in the following categories:

#### MATERIALS AND RESOURCES

##### MR credit 4: RECYCLED CONTENT

This credit requires the use of materials with recycled content such that the sum of post-consumer recycled content plus half of the pre-consumer content constitutes at least 10% (based on cost) of the total value of the project materials. The table below lists the calculated percentage of recycled content by weight for each product.

| PRODUCT      | THICKNESS (mm) | MATERIAL        | % WEIGHT OF PANEL | % RECYCLED POST-CONSUMER | % RECYCLED PRE-CONSUMER | LEED CONTRIBUTION (1.0 x POST + 0.5 x PRE) |
|--------------|----------------|-----------------|-------------------|--------------------------|-------------------------|--|
| STACBOND® FR | 4              | Aluminum Skins  | 33,67             | 12,5                     | 65                      | 45   |
|              |                | FR Core         | 66,33             | 3                        | 20                      | 13   |
|              |                | COMPOSITE PANEL | 100               | 6,20                     | 35,15                   | 23,77                                      |
| STACBOND® PE | 4              | Aluminum Skins  | 49,82             | 12,50                    | 65                      | 45   |
|              |                | PE Core         | 50,18             | 85                       | 0                       | 85   |
|              |                | COMPOSITE PANEL | 100               | 48,88                    | 32,38                   | 65,07                                      |

##### MR credit 5: REGIONAL MATERIALS

Although the total manufacture of the STACBOND panel is carried out in our production centre in Spain, due to our wide variety of finishes, the raw materials used in its manufacture come from different suppliers located all over the world. For this reason the STACBOND panel cannot contribute points to LEED certification in this section. However, other components used in the installation of the STACBOND panel can contribute to the computation of Regional Materials.

#### INNOVATION AND DESIGN PROCESS

##### ID Credit 1: INNOVATION IN DESIGN

This section offers architects and design teams the possibility of reaching greater performance by innovating on the requirements established by the LEED Green Building Certification System. The points contained in this section depend on the acceptance of the innovative proposal by the LEED organization.