

What is LEED?

LEED (Leadership in Energy and Environmental Design) is a green building certification program administered by the Green Building Certification Institute (GBCI). It provides third-party certification that a building is designed and built using materials and methods which reduce environmental impact.

The LEED program is designed to apply at all types of buildings, at any stage of a building's life cycle and provides construction industry professionals and building owners with a framework to produce green buildings that provide a healthy environment for their occupants.

Certification Criteria:

LEED bases its evaluation on a building's performance in the following five key areas: energy efficiency, water efficiency, materials and resources, indoor environmental quality and overall sustainability of the site. The use of Star Uretech's range of adhesives, coatings and binders fall into the EQ Credit 4.1: Low-Emitting Materials: Adhesives & Sealants subsection of the 'materials and resources' category.

Certification Process:

Applicants wishing to obtain a LEED certification first must register with the GBCI. Then, the building owner must prepare an application outlining the building's green features and how they meet the LEED criteria. Evidence of the building's performance in these areas must be clearly demonstrated, such as with laboratory testing certificates verifying that building materials are free from toxic chemicals.

The Uretech range of adhesives and coatings:

The Star Uretech range of single component pedestal adhesives are formulated, manufactured and packaged to conform to LEED requirements. The LEED requirement states that all adhesives and sealants used on the interior of the building shall not exceed a volatile organic compound (VOC) limit of 70 grams per litre for construction adhesives. When tested to the required standard the VOC level of Uretech adhesives is less than 10 grams per litre, in fact, Uretech one component pedestal adhesives contain no VOC's.

Star Uretech declares that the data shown in the table below is accurate and should be used in your EQ Credit 4.1: Low-Emitting Materials submittal:

Heading	Value
Product Manufacturer:	Star Uretech Ltd
Product Name / Model:	Uretech PA1 – Uretech PA2 – Uretech TG1 Uretech AA2 – Uretech TKM
Product VOC content (g/L):	10.00
SCAQMD allowable VOC content (g/L):	70.00
Source of VOC data:	Submittal