



LEED QUALIFICATIONS

The U.S. Green Building Council promotes the use of environmentally friendly construction products thru its LEED rating system. No other system has produced more questions for the HVAC/R contractor in recent history than “Green Building”. It is hoped that this Information sheet will help you navigate through some of the rules and requirements as they apply to Products offered by Duro Dyne.

Adhesives & Sealants

A developer can gain 1 point on the rating system under IEQ Credit 4.1: Low Emitting Materials: Adhesives & Sealants for the use of products that comply with the VOC (Volatile Organic Compound) standards.

Question: Do any of Duro Dyne’s Adhesive, Sealants or Mastics Help me qualify for IEQ Credit 4.1: Low Emitting Materials: Adhesives & Sealants?

Answer: Qualified yes. LEED Credit 4.1 only applies to:

- A) Sealers supplied by the manufacturer for field installation.
- B) Adhesives and sealants used on the interior of the building and *applied on-site*.

The Duro Dyne products shown on the table below comply with the South Coast Air Quality Management (SCAQMD) Rule #1168 and VOC table and thus can be used for IEQ Credit 4.1: Low Emitting Materials: Adhesives & Sealants when used as specified above.

Ductliner Adhesives (LEED/SCAQMD Standard = 80 grams/liter or less)	
WIT	<5 gms/ltr
WIT-HS	<5 gms/ltr
WITLV-AS	2.4 gms/ltr
SSG	< 5 gms/ltr
NPAB/PAB	< 80 gms/ltr
NPAC/PAC	< 80 gms/ltr

Duct Sealants - Classified in “Other” category* (LEED/SCAQMD Standard = 420 grams/liter or less)	
EDS-RS Smooth	0 gms/ltr
EDS-RF Fibered	0 gms/ltr
DDS181	22 gms/ltr
SAS-UL	47 gms/ltr
DLSN	72 gms/ltr
PBACZVOC	0 gms/ltr
SGDLVOC	225 gms/ltr

Butyl Sealant Tapes Section EZ 4.1 (Low VOC) (LEED Standard = 250 g/l (grams/liter) or less)	
BTL500 Butyl Tapes	0-40 g/l
BTL316-58LG Butyl Tapes	0-40 g/l
BTL316-58DG Butyl Tapes	0-40 g/l

Aerosol Ductliner Adhesives (LEED/SCAQMD Standard = 55% VOC by weight or less)	
CCDTWA	38.40 %
CCASA-WFT	38.30 %

*[Click here](#) for SMACNA Technical Resource Bulletin

Recycled Content

A developer can gain 1 point on the rating system under MRC Credit 4.1: Recycled Content for the use of products that contain proportionate recycled content.

Question: Do any of Duro Dyne’s hardware products such as: Air regulation, Flexible Duct Connector, Insulation Fasteners, Screws, Rivets, DynaTite or Dyn-O-Mate Help me qualify for MRC Credit 4.1: Recycled Content?

Answer: No. Under LEED Materials and Resources section for Credit 4 Recycled Content it specifically states: “**Mechanical**, Electrical and plumbing components cannot be included in this calculation”. This includes everything associated with the HVAC system and ductwork.

Regional Materials

A developer can gain 1 point on the rating system under MRC Credit 5.1: Regional Material for the use of products that are produced within 500 miles of the construction site.

Question: Do any of Duro Dyne’s hardware products such as: Air regulation, Flexible Duct Connector, Insulation Fasteners, Screws, Rivets, DynaTite or Dyn-o-Mate Help me qualify for MRC Credit 5.1: Regional Material ?

Answer: No. Under LEED Materials and Resources section for Credit 5 Recycled Content it specifically states: “**Mechanical**, Electrical and plumbing components cannot be included in this calculation”. This includes everything associated with the HVAC system and ductwork.