

BULLETIN # 101019

DATE 10/11/19

To: LAM, Sales and Technical Service Representatives
From: TM-Roofing (LAM) Liquid Applied Membrane Corporate & Technical Management
Subject: Environmental Product Declaration (EPDs) for Sikalastic -641, -644 and LEED V4 Information

SS Credit: Heat Island Reduction – High-Reflectance Roof (~1 point)

Use roofing materials that have an SRI equal to or greater than the values in Table 1. Meet the three-year aged SRI value. If three-year aged value information is not available, use [...] the initial SRI value.

Table 1. Minimum solar reflectance index value, by roof slope

	Slope	Initial SRI	3-year aged SRI
Low-sloped roof	≤ 2:12	82	64
Steep-sloped roof	> 2:12	39	32

- Sikalastic-641 Lo-VOC White (RAL 9016): 108 SRI (initial)
- Sikalastic-621 TC White (RAL 9016): 108 SRI (initial)

MR Credit: Building Product Disclosure and Optimization – Sourcing of Raw Materials (1 point)

Use products that meet at least one of the responsible extraction criteria below for at least 25%, by cost, of the total value of permanently installed building products in the project [including:] Recycled content.

- Sika Fleece 120, 140, 170: 98% recycled content

MR Credit: Building Product Disclosure and Optimization – Environmental Product Declarations (1 point)*

Use at least 20 different permanently installed products sourced from at least five different manufacturers that [have a] Product-specific Type III EPD -- Products with third-party certification (Type III), including external verification in which the manufacturer is explicitly recognized as the participant by the program operator.

- Sikalastic-641 w/ Fleece: Cradle to Grave
- Sikalastic-641 w/ Reemat: Cradle to Grave
- Sikalastic-644 w/ Fleece: Cradle to Grave
- Sikalastic-644 w/ Reemat: Cradle to Grave

*EPDs that are better than the industry standard EPD can receive 1.5 extra points

A copy of all RoofPro EPDs are on our website at: usa.sika.com

All Sika EDP listings are on the ASTM site at: <https://www.astm.org/CERTIFICATION/EpdAndPCRs.html>

Other EDPs that Sika current holds are:

- Sikaflex-1a
- Sika Sarnafil G410 Roofing Membrane
- Sika Sarnafil S327 Roofing Membrane
- Sika Sikaplan Adhered Roofing Membrane
- Sika Sikaplan Fastened Roofing Membrane



EQ Credit: Low-Emitting Materials

Exterior applied products [...] must meet the VOC limits of California Air Resources Board (CARB) 2007 Suggested Control Measure (SCM) for Architectural Coatings, and South Coast Air Quality Management District (SCAQMD), Rule 1168, effective July 1, 2005.

- Sikalastic-641 Lo-VOC: ≤ 38 g/l
- Sikalastic-644 Lo-VOC: ≤ 15 g/l
- See attached LEED letter for the comprehensive list