



BULLETIN

Product Updates · News & Information

June 2019

LEED v4 Building Design and Construction (BD+C) Credit Contribution – IKO ArmourCool™ Products

Directly Applicable Credits

1. Sustainable Sites: Heat Island Reduction (possible LEED points: 2, except Healthcare: 1 point)

Applicable to: LEEDv4 programs:

New Construction (NC), Core and Shell (CS), Schools, Retail, Data Centers, Warehouses and Distribution centers, Hospitality, Healthcare

The following IKO products have an initial Solar Reflective Index (SRI) of 82, which meets the “High-Reflectance Roof” requirement for low-sloped roofing (less than or equal to 2-in-12) and can contribute towards Option 1 of the Heat Island Reduction Credit.

Carrara™ ArmourCool™ 250

Carrara™ ArmourCool™ HD

ArmourCool™ Granular TP-HD-Cap

PrevENT™ ArmourCool™ Granular TP-HD Cap

Guidance to Designers/Consultants:

This heat island reduction credit is achieved from a combination of non-roof, high-reflectance (roof) and vegetative roof measures. Using any of the above products listed above will contribute to credit achievement.

2. Building Product Disclosure and Optimization (BPDO)- Environmental Product Declarations (EPD) (possible points: 1-2, where EPD's contribute 1 point)

Applicable to: LEEDv4 programs:

New Construction (NC), Core and Shell (CS), Schools, Retail, Data Centers, Warehouses and Distribution Centers, Hospitality, Healthcare

The following IKO products are deemed to be covered in an EPD, by the Asphalt Roofing Manufacturers Association (ARMA) 1., of which IKO is a member company.

Carrara™ ArmourCool™ 250

Carrara™ ArmourCool™ HD

ArmourCool™ Granular TP-HD-Cap

PrevENT™ ArmourCool™ Granular TP-HD Cap

Guidance to Designers/Consultants:

This EPD meets LEEDv4 criteria in that it is ISO 14025 compliant and cradle-to-grave in scope. As an industry-generic (industry-wide) EPD it is valued as “half-a-product “. The EPD credit is achieved with the use of, 20 different. permanently-installed products, from at least 5 different manufacturers .

- 1. Asphalt Roofing Manufacturers Association (ARMA), EPD Declaration Number 4788591925.107.1, as published by Program Operator UL Environment, dated August 29, 2018. Available at: <https://www.asphaltroofing.org/sustainability>.**

The information contained in this bulletin is intended for roofing professionals as general information and guidelines and is not to be used as a substitute for modified, supplemented or specific techniques for a particular job based on the circumstances. Roofing professionals are advised to follow all manufacturer's application instructions, warranty requirements and applicable building and safety codes .

For complete details of LEEDv4 program requirements and options, roofing professionals are advised to consult the source documents, available from Canada Green Building Council, at <http://www.CaGBC.org>.