

**HPD UNIQUE IDENTIFIER:** 1150463912960

**CLASSIFICATION:** 04 42 00 Exterior Stone Cladding

**PRODUCT DESCRIPTION:** Lundhs Emerald Dimension Stone is a premium silica-free natural stone for versatile interior and exterior applications. Lundhs Emerald can be manufactured into various stone products in different formats and surfaces. Relevant MasterFormat(r) divisions: 04 Masonry, 09 Finishes, 12 Furnishings, 32 Exterior Improvements, and 35 Waterway and Marine Construction. Especially but not exclusively MasterFormat(r) sections: 04 40 00 Stone Assemblies, 04 42 00 Exterior Stone Cladding, 04 42 43 Stone Panels for Curtain Walls, 04 43 00 Stone Masonry, 09 30 33 Stone Tiling, 09 31 33 Thin-Set Stone Tiling, 09 35 33 Chemical-Resistant Stone Tiling, 09 63 40 Stone Flooring, 09 75 00 Interior Stone Facing, 09 75 13 Stone Wall Facing, 12 36 40 Stone Countertops, 32 14 40 Stone Paving, 32 16 13.43 Stone Curbs, 32 33 00 Site Furnishings, 35 31 16.40 Stone Seawalls, and 35 31 19.40 Stone Revetments.

Section 1: Summary

Basic Method / Product Threshold

CONTENT INVENTORY

<b>Inventory Reporting Format</b>	<b>Threshold Level</b>	<b>Residuals/Impurities Evaluation</b>	<i>For all contents above the threshold, the manufacturer has:</i>
<input type="radio"/> Nested Materials Method	<input type="radio"/> 100 ppm	<input checked="" type="radio"/> Completed	<b>Characterized</b> <input checked="" type="radio"/> Yes <input type="radio"/> No
<input checked="" type="radio"/> Basic Method	<input checked="" type="radio"/> 1,000 ppm	<input type="radio"/> Partially Completed	<i>Provided weight and role.</i>
<b>Threshold Disclosed Per</b>	<input type="radio"/> Per GHS SDS	<input type="radio"/> Not Completed	<b>Screened</b> <input checked="" type="radio"/> Yes <input type="radio"/> No
<input type="radio"/> Material	<input type="radio"/> Other	<b>Explanation(s) provided :</b>	<i>Provided screening results using HPDC-approved methods.</i>
<input checked="" type="radio"/> Product		<input checked="" type="radio"/> Yes <input type="radio"/> No	<b>Identified</b> <input checked="" type="radio"/> Yes <input type="radio"/> No
			<i>Provided name and CAS RN or other identifier.</i>

CONTENT IN DESCENDING ORDER OF QUANTITY

Summary of product contents and results from screening individual chemical substances against HPD Priority Hazard Lists and the GreenScreen for Safer Chemicals®. The HPD does not assess whether using or handling this product will expose individuals to its chemical substances or any health risk. Refer to Section 2 for further details.

**PRODUCT** | **MATERIAL OR SUBSTANCE** | *RESIDUAL OR IMPURITY*

**GREENSCREEN SCORE** | HAZARD TYPE

**LUNDHS EMERALD - DIMENSION STONE** [ **GRANITE** ]

Number of Greenscreen BM-4/BM3 contents ... 0

Contents highest-concern GreenScreen score(s) (BM-1, LT-1, LT-P1) ... None

Nanomaterial ... No

**INVENTORY AND SCREENING NOTES:**

Special Conditions applied: [GeologicalMaterial]

This declaration does not include sealers, fillers, adhesives, backing, or other ingredients that are used by some fabricators and installers. These types of ancillary products are not typically over the 1,000 ppm threshold required for disclosure.

VOLATILE ORGANIC COMPOUND (VOC) CONTENT

VOC Content data is not applicable for this product category.

**CERTIFICATIONS AND COMPLIANCE** *See Section 3 for additional listings.*

VOC emissions: CDPH Standard Method V1.2 (Section 01350/CHPS) - Classroom & Office scenario

VOC emissions: Inherently non-emitting source per LEED

Management: ISO 14001:2015 - Environmental management systems

LCA: Environmental Product Declaration (EPD) by EPD Norway

**CONSISTENCY WITH OTHER PROGRAMS**

Pre-checked for LEED v4 Option 1.

Pre-checked for LEED v4.1 Option 1.

Third Party Verified?	PREPARER: Self-Prepared	SCREENING DATE: 2024-12-27
<input type="radio"/> Yes	VERIFIER:	PUBLISHED DATE: 2025-01-06
<input checked="" type="radio"/> No	VERIFICATION #:	EXPIRY DATE: 2027-12-27

This section lists contents in a product based on specific threshold(s) and reports detailed health information including hazards. This HPD uses the inventory method indicated above, which is one of three possible methods:

- Basic Inventory method with Product-level threshold.
- Nested Material Inventory method with Product-level threshold
- Nested Material Inventory method with individual Material-level thresholds

Definitions and requirements for the three inventory methods and requirements for each data field can be found in the HPD Open Standard version 2.3, available on the HPDC website at: [www.hpd-collaborative.org/hpd-2-3-standard](http://www.hpd-collaborative.org/hpd-2-3-standard)

LUNDHS EMERALD - DIMENSION STONE

PRODUCT THRESHOLD: 1000 ppm		RESIDUALS AND IMPURITIES EVALUATION COMPLETED: Yes		
RESIDUALS AND IMPURITIES NOTES: Residuals and Impurities were considered based on the Dimension Stone Design Manual. The chemical composition of stone is inherently complex and highly variable or unknown. Stone also has distinct hazard profiles compared to their constituent substances.				
OTHER PRODUCT NOTES:				
GRANITE		ID: Geological Material		
HAZARD DATA SOURCE: HPDC Special Conditions Policy				
%, 100.0000	GreenScreen: Not Required	RC: None	NANO: No	MATERIAL ROLE: Structure component
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
Hazard Screening is not applicable to this Special Condition				
INGREDIENT DESCRIPTION AND COMPOSITION: Larvikite. The stone type larvikite contains no quartz, thus there is no crystalline silica. Please refer to petrographic composition and general notes.				
COUNTRY OF ORIGIN: Norway				
RADIOACTIVE ELEMENTS: Unknown				
POTENTIAL PRESENCE OF TOXIC METALS: Unknown				
MATERIAL CONTENT NOTES: This disclosure does not provide potential presence of radioactive elements which may be found in certain geological materials. This disclosure does not provide potential presence of toxic metals which may be found in certain geological materials.				

### Section 3: Certifications and Compliance

This section lists applicable certification and standards compliance information for VOC emissions and VOC content. Other types of health or environmental performance testing or certifications completed for the product may be provided.

VOC EMISSIONS	CDPH Standard Method V1.2 (Section 01350/CHPS) - Classroom & Office scenario	
CERTIFYING PARTY: Self-declared	ISSUE DATE: 2022-01-21 00:00:00	CERTIFIER OR LAB: n/a
APPLICABLE FACILITIES: n/a	EXPIRY DATE:	
CERTIFICATE URL:		
CERTIFICATION AND COMPLIANCE NOTES: LEED v4.1 Low-Emitting Materials: Product is an inherently nonemitting source of VOCs (stone, ceramic, powder-coated metals, plated or anodized metal, glass, concrete, clay brick, and unfinished or untreated solid wood) and has no binders, surface coatings, or sealants that include organic chemicals.		
VOC EMISSIONS	Inherently non-emitting source per LEED	
CERTIFYING PARTY: Self-declared	ISSUE DATE: 2024-12-05 00:00:00	CERTIFIER OR LAB: None
APPLICABLE FACILITIES: All	EXPIRY DATE:	
CERTIFICATE URL:		
CERTIFICATION AND COMPLIANCE NOTES:		
MANAGEMENT	ISO 14001:2015 - Environmental management systems	
CERTIFYING PARTY: Third Party	ISSUE DATE: 2017-05-23 00:00:00	CERTIFIER OR LAB: Verify,
APPLICABLE FACILITIES: Operation of quarries and	EXPIRY DATE: 2026-05-23 00:00:00	Norway
production and distribution of natural stone		
CERTIFICATE URL:		
<a href="https://lundhsrealstone.s3.amazonaws.com/architects/stone/17-010-Lundhs-AS-14001.2015-Certificate-ex-23.05.2026.pdf">https://lundhsrealstone.s3.amazonaws.com/architects/stone/17-010-Lundhs-AS-14001.2015-Certificate-ex-23.05.2026.pdf</a>		
CERTIFICATION AND COMPLIANCE NOTES:		
LCA	Environmental Product Declaration (EPD) by EPD Norway	
CERTIFYING PARTY: Third Party	ISSUE DATE: 2023-08-21 00:00:00	CERTIFIER OR LAB: EPD
APPLICABLE FACILITIES: Natural Stone Larvikite - extraction of	EXPIRY DATE: 2028-08-21 00:00:00	Norway
Lundhs Emerald		
CERTIFICATE URL:		
<a href="https://lundhsrealstone.s3.amazonaws.com/architects/stone/lundhs-emerald/documents/EPD_Lundhs-Emerald_Natural-stone-larvikite-extraction.pdf">https://lundhsrealstone.s3.amazonaws.com/architects/stone/lundhs-emerald/documents/EPD_Lundhs-Emerald_Natural-stone-larvikite-extraction.pdf</a>		
CERTIFICATION AND COMPLIANCE NOTES:		

### Section 4: Accessories

This section lists related products or materials that the manufacturer requires or recommends for installation (such as adhesives or fasteners), maintenance, cleaning, or operations. For information relating to the contents of these related products, refer to their applicable Health Product Declarations, if available.

No accessories are required for this product.

### Section 5: General Notes

Lundhs Emerald is a larvikite from Lundhs' quarries in Norway. The Larvikite contains no quartz, thus there is no crystalline silica in Lundhs Emerald. In the commercial stone industry, the term granite is used widely on various intrusive rocks, but it is important to know the actual stone type, so the mineral composition can be evaluated correctly. Lundhs Emerald does not contain quartz, so geologically it is not a granite.

## MANUFACTURER INFORMATION

MANUFACTURER: **Lundhs AS**  
ADDRESS: **Kanalgata 59**  
**Larvik, vestfold 3263**  
COUNTRY: **Norway**  
LATITUDE: **59.0533000**  
LONGITUDE: **10.0352000**

WEBSITE: **<https://lundhs.no>**  
CONTACT NAME: **Line Moeller Maersk**  
TITLE: **Product Marketing Manager**  
PHONE: **90092402**  
EMAIL: **[line@lundhs.no](mailto:line@lundhs.no)**

*The listed contact is responsible for the validity of this HPD and attests that it is accurate and complete to the best of his or her knowledge.*

## KEY

## Hazard Types

<b>AQU</b> Aquatic toxicity	<b>LAN</b> Land toxicity	<b>PHY</b> Physical hazard (flammable or reactive)
<b>CAN</b> Cancer	<b>MAM</b> Mammalian/systemic/organ toxicity	<b>REP</b> Reproductive
<b>DEV</b> Developmental toxicity	<b>MUL</b> Multiple	<b>RES</b> Respiratory sensitization
<b>END</b> Endocrine activity	<b>NEU</b> Neurotoxicity	<b>SKI</b> Skin sensitization/irritation/corrosivity
<b>EYE</b> Eye irritation/corrosivity	<b>NF</b> Not found on Priority Hazard Lists	<b>UNK</b> Unknown
<b>GEN</b> Gene mutation	<b>OZO</b> Ozone depletion	
<b>GLO</b> Global warming	<b>PBT</b> Persistent, bioaccumulative, and toxic	

## GreenScreen (GS)

<b>BM-4</b> Benchmark 4 (prefer-safer chemical)	<b>LT-P1</b> List Translator Possible 1 (Possible Benchmark-1)
<b>BM-3</b> Benchmark 3 (use but still opportunity for improvement)	<b>LT-1</b> List Translator 1 (Likely Benchmark-1)
<b>BM-2</b> Benchmark 2 (use but search for safer substitutes)	<b>LT-UNK</b> List Translator Benchmark Unknown
<b>BM-1</b> Benchmark 1 (avoid - chemical of high concern)	<b>NoGS</b> No GreenScreen.
<b>BM-U</b> Benchmark Unspecified (due to insufficient data)	

GreenScreen Benchmark scores sometimes also carry subscripts, which provide more context for how the score was determined. These are DG (data gap), TP (transformation product), and CoHC (chemical of high concern). For more information, see 2.2.2.4 GreenScreen® for Safer Chemicals, [www.greenscreenchemicals.org](http://www.greenscreenchemicals.org), and Best Practices for Hazard Screening on the HPDC website ([hpd-collaborative.org](http://hpd-collaborative.org)).

## Recycled Types

**PreC** Pre-consumer recycled content  
**PostC** Post-consumer recycled content  
**UNK** Inclusion of recycled content is unknown  
**None** Does not include recycled content

## Other Terms:

**GHS SDS** Globally Harmonized System of Classification and Labeling of Chemicals Safety Data Sheet

## Inventory Methods:

**Nested Method / Material Threshold** Substances listed within each material per threshold indicated per material  
**Nested Method / Product Threshold** Substances listed within each material per threshold indicated per product  
**Basic Method / Product Threshold** Substances listed individually per threshold indicated per product

**Nano** Composed of nano scale particles or nanotechnology  
**Third Party Verified** Verification by independent certifier approved by HPDC  
**Preparer** Third party preparer, if not self-prepared by manufacturer  
**Applicable facilities** Manufacturing sites to which testing applies

*The Health Product Declaration (HPD) Open Standard provides for the disclosure of product contents and potential associated human and environmental health hazards. Hazard associations are based on the HPD Priority Hazard Lists, the GreenScreen List Translator™, and when available, full GreenScreen® assessments. The HPD Open Standard v2.1 is not:*

- a method for the assessment of exposure or risk associated with product handling or use,*
- a method for assessing potential health impacts of: (i) substances used or created during the manufacturing process or (ii) substances created after the product is delivered for end use.*

*Information about life cycle, exposure and/or risk assessments performed on the product may be reported by the manufacturer in appropriate Notes sections, and/or, where applicable, in the Certifications section.*

*The HPD Open Standard was created and is supported by the Health Product Declaration Collaborative (the HPD Collaborative), a customer-led organization composed of stakeholders throughout the building industry that is committed to the continuous improvement of building products through transparency, openness, and innovation throughout the product supply chain.*

