# **Lundhs Royal - Dimension Stone** by Lundhs AS

**Health Product** Declaration v2.3

created via: HPDC Online Builder

HPD UNIQUE IDENTIFIER: 1208277036032 CLASSIFICATION: 04 42 00 Exterior Stone Cladding

PRODUCT DESCRIPTION: Lundhs Royal Dimension Stone is a premium silica-free natural stone for versatile interior and exterior applications. Lundhs Royal 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**

#### **Inventory Reporting Format**

- C Nested Materials Method
- Basic Method

### **Threshold Disclosed Per**

- Material
- Product

### **Threshold Level**

- C 100 ppm
- **⊙** 1,000 ppm
- C Per GHS SDS
- Other

# Residuals/Impurities Evaluation

- Completed
- C Partially Completed
- Not Completed

#### Explanation(s) provided:

Yes ○ No

For all contents above the threshold, the manufacturer has:

Characterized

Yes ○ No

Yes ○ No

Provided weight and role.

Screened

Provided screening results using HPDC-approved

methods.

Identified

Yes ○ No

Provided name and CAS RN or other identifier.

#### **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 ROYAL - 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?

Yes No

VFRIFIFR: **VERIFICATION #:** 

PREPARER: Self-Prepared

**SCREENING DATE: 2024-12-27** PUBLISHED DATE: 2025-01-06

EXPIRY DATE: 2027-12-27

# Section 2: Content in Descending Order of Quantity

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

## **LUNDHS ROYAL - 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 APPLICABLE FACILITIES: n/a

ISSUE DATE: 2022-01-21 00:00:00 **EXPIRY DATE:** 

CERTIFIER OR LAB: n/a

**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.

EXPIRY DATE:

#### **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

**CERTIFICATE URL:** 

CERTIFICATION AND COMPLIANCE NOTES:

#### **MANAGEMENT**

#### ISO 14001:2015 - Environmental management systems

CERTIFYING PARTY: Third Party

APPLICABLE FACILITIES: Operation of quarries and

production and distribution of natural stone

**CERTIFICATE URL:** 

https://lundhsrealstone.s3.amazonaws.com/architects/stone/17-010-Lundhs-AS-14001.2015-Certificate-ex-23.05.2026.pdf

CERTIFICATION AND COMPLIANCE NOTES:

ISSUE DATE: 2017-05-23 00:00:00 EXPIRY DATE: 2026-05-23 00:00:00 CERTIFIER OR LAB: Verify,

Norway

# **LCA**

## **Environmental Product Declaration (EPD) by EPD Norway**

CERTIFYING PARTY: Third Party

APPLICABLE FACILITIES: Natural Stone Larvikite - extraction of

Lundhs Royal

**CERTIFICATE URL:** 

https://lundhsrealstone.s3.amazonaws.com/architects/stone/lundhsroyal/documents/EPD\_Lundhs-Royal\_Natural-stone-larvikite-

extraction.pdf

CERTIFICATION AND COMPLIANCE NOTES:

#### CERTIFIER OR LAB: EPD ISSUE DATE: 2023-09-11 00:00:00

EXPIRY DATE: 2028-09-11 00:00:00

Norway

# 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 Royal is a larvikite from Lundhs' quarries in Norway. The Larvikite contains no quartz, thus there is no crystalline silica in Lundhs Royal. 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 Royal 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

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**

**AQU** Aquatic toxicity

**CAN** Cancer

**DEV** Developmental toxicity

**END** Endocrine activity

EYE Eye irritation/corrosivity

**GEN** Gene mutation

**GLO** Global warming

**LAN** Land toxicity

MAM Mammalian/systemic/organ toxicity

MUL Multiple

**NEU** Neurotoxicity

NF Not found on Priority Hazard Lists

**OZO** Ozone depletion

PBT Persistent, bioaccumulative, and toxic

PHY Physical hazard (flammable or reactive)

**REP** Reproductive

**RES** Respiratory sensitization

SKI Skin sensitization/irritation/corrosivity

**UNK** Unknown

#### GreenScreen (GS)

BM-4 Benchmark 4 (prefer-safer chemical)

**BM-3** Benchmark 3 (use but still opportunity for improvement)

**BM-2** Benchmark 2 (use but search for safer substitutes)

BM-1 Benchmark 1 (avoid - chemical of high concern)

**BM-U** Benchmark Unspecified (due to insufficient data)

LT-P1 List Translator Possible 1 (Possible Benchmark-1)

**LT-1** List Translator 1 (Likely Benchmark-1) **LT-UNK** List Translator Benchmark Unknown

NoGS No GreenScreen.

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, and Best Practices for Hazard Screening on the HPDC website (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.

