

APARICI & APAVISA Ceramic Tiles  
 by APARICI GROUP (APAVISA PORCELANICO,  
 S.L. & CERAMICAS APARICI, S.A.)

HPD UNIQUE IDENTIFIER: 956515623074816  
 HPD UNIQUE PRODUCT ID: Not provided.  
 CLASSIFICATION: 09 30 13 Ceramic Tiling  
 PRODUCT TYPE: Ceramic (Tile)

PRODUCT DESCRIPTION: (GROUP Bla) Ceramicas Aparici & Apavisa Porcelanico (Aparici Group) manufacture high-end, innovative and quality design ceramic and porcelain tiles. This family business has, since 1961, acted as a driving force for the developments and trends of an entire industry. The products manufactured by Aparici and Apavisa are dry-pressed ceramic tiles in a wide range of sizes, shapes and colors. These products are fired at high temperatures (>1100°C) which result in a sintered, inert final product resistant to stains, fire and bending which do not release volatile organic substances (VOC) or any other pollutants. Ceramic tiles are easy to maintain, as well as, resistant over time, non-absorbent (<0.5%), frost-proof, and make a great choice to cover floors and walls thanks to the variety of designs and finishes.

Section 1: Summary

Nested Method / Product Threshold

CONTENT INVENTORY

|                                                                |                                                                                |                                                                                              |
|----------------------------------------------------------------|--------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|
| Inventory Reporting Format<br>→ <b>Nested Materials Method</b> | Residuals/Impurities Evaluation<br>Completed in <b>5</b> of <b>5</b> Materials | <i>For all contents above the threshold, the manufacturer has:</i>                           |
| Threshold Disclosed Per<br>→ <b>Product</b>                    | Explanation(s) provided for Residuals/Impurities?<br><b>Yes</b>                | <b>Characterized</b> <b>Yes</b><br><i>Provided weight and role.</i>                          |
| Threshold Level<br>→ <b>100 ppm</b>                            |                                                                                | <b>Screened</b> <b>Yes</b><br><i>Provided screening results using HPDC-approved methods.</i> |
|                                                                |                                                                                | <b>Identified</b> <b>Yes</b><br><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.

NESTED MATERIAL | MATERIAL OR SUBSTANCE | RESIDUAL OR IMPURITY  
 GREENSCREEN SCORE | HAZARD TYPE  
 CLAY [ CLAY ] FELDSPAR [ FELDSPAR ] SAND [ SAND ] GLAZE [ GLAZE ] INK [ INK ]

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]

"Ceramic" is not screened by HPD Collaborative because it is regarded as a special condition. Tiles are fired at very high temperatures hence any organics that might be present in clays or binders are completely burned away. As a result, the final product is inert and no VOCs can be emitted.  
 VOC Content: Not applicable

**PFAS DETAILS:**  
 This product does **not** contain intentionally added PFAS, but it is **unknown** if PFAS is contained in materials or substances from suppliers.

**Attestation:**

2025-12-30

VOLATILE ORGANIC COMPOUND (VOC) CONTENT

VOC Content data is not applicable for this product category.

**COMPLIANCE** See Section 3 for additional listings.  
 VOC emissions: Inherently non-emitting source per LEED  
 Management: ISO 14001:2015 - Environmental management systems  
 Management: ISO 9001:2015 Quality management systems  
 Management: Environmental Product Declaration (EPD) by Labeling Sustainability

#### CONSISTENCY WITH OTHER PROGRAMS

No pre-checks completed or disclosed.

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 3.0, available on the HPDC website at: [www.hpd-collaborative.org/hpd-3-0-standard](http://www.hpd-collaborative.org/hpd-3-0-standard)

|                                                                                                                           |  |                                                    |                        |
|---------------------------------------------------------------------------------------------------------------------------|--|----------------------------------------------------|------------------------|
| CLAY                                                                                                                      |  | %: 37.0000 - 52.0000                               |                        |
| PRODUCT THRESHOLD: 100 ppm                                                                                                |  | RESIDUALS AND IMPURITIES EVALUATION COMPLETED: Yes | MATERIAL TYPE: Ceramic |
| RESIDUALS AND IMPURITIES NOTES: Final product contains no VOCs or waste due to vitrification in kiln firing (1100–1200°C) |  |                                                    |                        |
| OTHER MATERIAL NOTES: CLAY                                                                                                |  |                                                    |                        |

|                                                                                                                                                                           |                           |                         |          |                             |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|-------------------------|----------|-----------------------------|
| CLAY                                                                                                                                                                      |                           | ID: Geological Material |          |                             |
| HAZARD DATA SOURCE: HPDC Special Conditions Policy                                                                                                                        |                           |                         |          |                             |
| %: 90.0000 - 100.0000                                                                                                                                                     | GreenScreen: Not Required | RC: UNK                 | NANO: No | MATERIAL ROLE: Ceramic body |
| HAZARD TYPE                                                                                                                                                               | AGENCY AND LIST TITLES    |                         | WARNINGS |                             |
| Hazard Screening is not applicable to this Special Condition                                                                                                              |                           |                         |          |                             |
| INGREDIENT DESCRIPTION AND COMPOSITION: SIO2 66.04%, Al2O3 20.41%, Fe2O3 3.01%, K2O 2.12%, TiO2 1.09%, MgO 0.36%, CaO 0.19% and Na2O 0.13%                                |                           |                         |          |                             |
| COUNTRY OF ORIGIN: SPAIN                                                                                                                                                  |                           |                         |          |                             |
| RADIOACTIVE ELEMENTS: According to supplier provided information and/or internal testing, it is determined that no radioactive elements are found in this material.       |                           |                         |          |                             |
| POTENTIAL PRESENCE OF TOXIC METALS: According to supplier provided information and/or internal testing, it is determined that no toxic metals are found in this material. |                           |                         |          |                             |
| MATERIAL CONTENT NOTES: Hazard screening is not applicable to this special condition.                                                                                     |                           |                         |          |                             |

|                                                                                                                           |  |                                                    |                        |
|---------------------------------------------------------------------------------------------------------------------------|--|----------------------------------------------------|------------------------|
| FELDSPAR                                                                                                                  |  | %: 35.0000 - 50.0000                               |                        |
| PRODUCT THRESHOLD: 100 ppm                                                                                                |  | RESIDUALS AND IMPURITIES EVALUATION COMPLETED: Yes | MATERIAL TYPE: Ceramic |
| RESIDUALS AND IMPURITIES NOTES: Final product contains no VOCs or waste due to vitrification in kiln firing (1100–1200°C) |  |                                                    |                        |
| OTHER MATERIAL NOTES: FELDSPAR                                                                                            |  |                                                    |                        |

HAZARD DATA SOURCE: [HPDC Special Conditions Policy](#)

%: **90.0000 - 100.0000**      GreenScreen: **Not Required**      RC: **UNK**      NANO: **No**      MATERIAL ROLE: **Ceramic body**

| HAZARD TYPE                                                  | AGENCY AND LIST TITLES | WARNINGS |
|--------------------------------------------------------------|------------------------|----------|
| Hazard Screening is not applicable to this Special Condition |                        |          |

INGREDIENT DESCRIPTION AND COMPOSITION: SiO2 63.35%, Al2O3 18.42%, Fe2O3 0.48%, K2O 0.29%TiO2 0.43%, MgO 3.35%, Na2O 8.33% and CaO 1.07%

COUNTRY OF ORIGIN: ITALY

RADIOACTIVE ELEMENTS: According to supplier provided information and/or internal testing, it is determined that no radioactive elements are found in this material.

POTENTIAL PRESENCE OF TOXIC METALS: According to supplier provided information and/or internal testing, it is determined that no toxic metals are found in this material.

MATERIAL CONTENT NOTES: Hazard screening is not applicable to this special condition

SAND

%: **5.0000 - 11.0000**

PRODUCT THRESHOLD: 100 ppm      RESIDUALS AND IMPURITIES EVALUATION COMPLETED: Yes      MATERIAL TYPE: Ceramic

RESIDUALS AND IMPURITIES NOTES: Final product contains no VOCs or waste due to vitrification in kiln firing (1100–1200°C)

OTHER MATERIAL NOTES: SAND

HAZARD DATA SOURCE: [HPDC Special Conditions Policy](#)

%: **90.0000 - 100.0000**      GreenScreen: **Not Required**      RC: **UNK**      NANO: **No**      MATERIAL ROLE: **Ceramic body**

| HAZARD TYPE                                                  | AGENCY AND LIST TITLES | WARNINGS |
|--------------------------------------------------------------|------------------------|----------|
| Hazard Screening is not applicable to this Special Condition |                        |          |

INGREDIENT DESCRIPTION AND COMPOSITION: SiO2 92.26%, Al2O3 4.17%, Fe2O3 0.24%, K2O 2.37%, TiO2 0.08 %, MgO 0.04 %, CaO 0.09% and Na2O 0.00%

COUNTRY OF ORIGIN: SPAIN

RADIOACTIVE ELEMENTS: According to supplier provided information and/or internal testing, it is determined that no radioactive elements are found in this material.

POTENTIAL PRESENCE OF TOXIC METALS: According to supplier provided information and/or internal testing, it is determined that no toxic metals are found in this material.

MATERIAL CONTENT NOTES: Hazard screening is not applicable to this special conditions

|                                                                                                                           |                                                    |                    |                        |
|---------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------|--------------------|------------------------|
| GLAZE                                                                                                                     |                                                    | %: 0.0000 - 5.0000 |                        |
| PRODUCT THRESHOLD: 100 ppm                                                                                                | RESIDUALS AND IMPURITIES EVALUATION COMPLETED: Yes |                    | MATERIAL TYPE: Ceramic |
| RESIDUALS AND IMPURITIES NOTES: Final product contains no VOCs or waste due to vitrification in kiln firing (1100–1200°C) |                                                    |                    |                        |
| OTHER MATERIAL NOTES: GLAZE                                                                                               |                                                    |                    |                        |

|                                                                                                                                                                     |                           |                         |                                      |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|-------------------------|--------------------------------------|
| GLAZE                                                                                                                                                               |                           | ID: Geological Material |                                      |
| HAZARD DATA SOURCE: HPDC Special Conditions Policy                                                                                                                  |                           |                         |                                      |
| %: 90.0000 - 100.0000                                                                                                                                               | GreenScreen: Not Required | RC: UNK                 | NANO: No MATERIAL ROLE: Ceramic body |
| HAZARD TYPE                                                                                                                                                         | AGENCY AND LIST TITLES    | WARNINGS                |                                      |
| Hazard Screening is not applicable to this Special Condition                                                                                                        |                           |                         |                                      |
| INGREDIENT DESCRIPTION AND COMPOSITION: GLAZE                                                                                                                       |                           |                         |                                      |
| COUNTRY OF ORIGIN: SPAIN                                                                                                                                            |                           |                         |                                      |
| RADIOACTIVE ELEMENTS: According to supplier provided information and/or internal testing, it is determined that no radioactive elements are found in this material. |                           |                         |                                      |
| POTENTIAL PRESENCE OF TOXIC METALS: Unknown                                                                                                                         |                           |                         |                                      |
| MATERIAL CONTENT NOTES: Hazard screening is not applicable to this special condition                                                                                |                           |                         |                                      |
| This disclosure does not provide potential presence of toxic metals which may be found in certain geological materials.                                             |                           |                         |                                      |

|                            |                                                    |                        |  |
|----------------------------|----------------------------------------------------|------------------------|--|
| INK                        |                                                    | %: 0.0000 - 2.0000     |  |
| PRODUCT THRESHOLD: 100 ppm | RESIDUALS AND IMPURITIES EVALUATION COMPLETED: Yes | MATERIAL TYPE: Ceramic |  |

RESIDUALS AND IMPURITIES NOTES: Final product contains no VOCs or waste due to vitrification in kiln firing (1100–1200°C)

OTHER MATERIAL NOTES: INK

INK

ID: Geological Material

HAZARD DATA SOURCE: HPDC Special Conditions Policy

%: 90.0000 - 100.0000
 GreenScreen: Not Required
 RC: UNK
 NANO: No
 MATERIAL ROLE: Ceramic body

| HAZARD TYPE                                                  | AGENCY AND LIST TITLES | WARNINGS |
|--------------------------------------------------------------|------------------------|----------|
| Hazard Screening is not applicable to this Special Condition |                        |          |

INGREDIENT DESCRIPTION AND COMPOSITION: INK

COUNTRY OF ORIGIN: SPAIN

RADIOACTIVE ELEMENTS: According to supplier provided information and/or internal testing, it is determined that no radioactive elements are found in this material.

POTENTIAL PRESENCE OF TOXIC METALS: Unknown

MATERIAL CONTENT NOTES: Hazard screening is not applicable to this special condition

This disclosure does not provide potential presence of toxic metals which may be found in certain geological materials.



## Section 3: 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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Inherently non-emitting source per LEED                            |                                |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------|--------------------------------|
| <b>COMPLIANCE TYPE:</b> Self-declared<br><b>CERTIFIER/VERIFIER/TESTING LAB/AUDITOR:</b> None<br><b>COMPLIANCE DETAILS:</b><br><b>COMPLIANCE SCOPE:</b><br><b>APPLICABLE FACILITIES:</b> CERAMICAS APARICI, S.A. & APAVISA PORCELANICO, S.A.<br><b>COMPLIANCE URL:</b> <a href="https://www.aparici.com">https://www.aparici.com</a><br><b>COMPLIANCE NOTES:</b> This document can be found at <a href="https://www.apavisa.com">https://www.apavisa.com</a> for the company APAVISA PORCELANICO, S.L.                                                                                                                                                                                                                                                                                    | <b>ISSUE DATE:</b> 2025-06-04                                      | <b>EXPIRY DATE:</b> 2030-06-04 |
| MANAGEMENT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | ISO 14001:2015 - Environmental management systems                  |                                |
| <b>COMPLIANCE TYPE:</b> Third-party certification<br><b>CERTIFIER/VERIFIER/TESTING LAB/AUDITOR:</b> European Quality Assurance Spain, S.L. (EQA)<br><b>COMPLIANCE DETAILS:</b><br><b>COMPLIANCE SCOPE:</b> Company-wide<br><b>APPLICABLE FACILITIES:</b> The ISO 14001 is the international standard that specifies requirements for an effective environmental performance requirement.<br><b>COMPLIANCE URL:</b> <a href="https://www.aparici.com/">https://www.aparici.com/</a><br><b>COMPLIANCE NOTES:</b> This document can be found at <a href="https://www.apavisa.com">https://www.apavisa.com</a> for the company APAVISA PORCELANICO, S.L.                                                                                                                                     | <b>ISSUE DATE:</b> 2019-09-24                                      | <b>EXPIRY DATE:</b> 2028-12-24 |
| MANAGEMENT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | ISO 9001:2015 Quality management systems                           |                                |
| <b>COMPLIANCE TYPE:</b> Third-party certification<br><b>CERTIFIER/VERIFIER/TESTING LAB/AUDITOR:</b> European Quality Assurance Spain, S.L. (EQA)<br><b>COMPLIANCE DETAILS:</b><br><b>COMPLIANCE SCOPE:</b> Company-wide<br><b>APPLICABLE FACILITIES:</b> The ISO 9001 es the international standard that specifies requirements for a quality management system (QMS). Organizations use the standard to demonstrate the ability to consistently provide products and services that meet customer and regulatory requirements.<br><b>COMPLIANCE URL:</b> <a href="https://www.aparici.com">https://www.aparici.com</a><br><b>COMPLIANCE NOTES:</b> This document can be found at <a href="https://www.apavisa.com">https://www.apavisa.com</a> for the company APAVISA PORCELANICO, S.L. | <b>ISSUE DATE:</b> 2019-09-24                                      | <b>EXPIRY DATE:</b> 2028-12-24 |
| MANAGEMENT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Environmental Product Declaration (EPD) by Labeling Sustainability |                                |

COMPLIANCE TYPE: Self-declaration

ISSUE DATE: 2025-09-01

EXPIRY DATE: 2030-09-01

CERTIFIER/VERIFIER/TESTING LAB/AUDITOR: Intituto de Tecnologia Ceramica (ITC-AICE)

COMPLIANCE DETAILS:

COMPLIANCE SCOPE:

APPLICABLE FACILITIES: An Environmental Product Declaration (EPD) is an independently verified and registers document that communicates transparent and comparable information about the life-cycle environmental impact of products.

COMPLIANCE URL: <https://www.aparici.com>

COMPLIANCE NOTES: This document can be found at <https://www.apavisa.com> for the company APAVISA PORCELANICO, S.L.



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.*

VENTILATED FACADES AND BONDED FACADES WITH MECHANICAL ANCHORAGE

MANUFACTURER (OR GENERIC): Fachadas del Norte, S.L.

HPD URL: <https://www.aparici.com>

ACCESSORY TYPE: Installation Accessory

CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES: These accessories are only used if the tiles are to be installed on a ventilated facade.



Section 5: General Notes

All technical documents available upon request and at:  
[www.aparici.com/en](http://www.aparici.com/en)  
[www.apavisa.com/en](http://www.apavisa.com/en)

MANUFACTURER INFORMATION

MANUFACTURER: **APARICI GROUP (APAVISA PORCELANICO, S.L. & CERAMICAS APARICI, S.A.)**  
ADDRESS: **Ctra. Castellón-San Juan de Moró, hm. 7,5**  
**Sant Joan de Moró, Castellón 12130**  
COUNTRY: **Spain**

WEBSITE: **www.apavisa.com**  
CONTACT NAME: **Belén Monterde**  
TITLE: **Quality Manager**  
PHONE: **+34 964 701 010**  
EMAIL: **belen.monterde@apavisa.com**

*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

|                                                     |
|-----------------------------------------------------|
| <b>PreC</b> Pre-consumer recycled content           |
| <b>PostC</b> Post-consumer recycled content         |
| <b>UNK</b> Inclusion of recycled content is unknown |
| <b>None</b> Does not include recycled content       |

Other Terms:

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

Inventory Methods:

|                                           |                                                                             |
|-------------------------------------------|-----------------------------------------------------------------------------|
| <b>Nested Method / Material Threshold</b> | Substances listed within each material per threshold indicated per material |
| <b>Nested Method / Product Threshold</b>  | Substances listed within each material per threshold indicated per product  |
| <b>Basic Method / Product Threshold</b>   | Substances listed individually per threshold indicated per product          |

|                              |                                                            |
|------------------------------|------------------------------------------------------------|
| <b>Nano</b>                  | Composed of nano scale particles or nanotechnology         |
| <b>Third Party Verified</b>  | Verification by independent certifier approved by HPDC     |
| <b>Preparer</b>              | Third party preparer, if not self-prepared by manufacturer |
| <b>Applicable facilities</b> | 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 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.*

*The product manufacturer and any applicable independent verifier are solely responsible for the accuracy of statements and claims made in this HPD and for compliance with the HPD standard noted.*