

Product Data Sheet

PRODUCT NAME

Basalite Type II-V Cement

MANUFACTURER

Basalite Concrete Products
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PRODUCT DESCRIPTION

Basalite Portland Cement II-V is one of key components in making concrete and portland/lime mortars. When mixed with sand and coarse aggregate it produces concrete. When mixed with lime and mason sand it produces mortar.

USES

- Custom concrete mixes for both concrete slabs or for repairs where the concrete will be at least 2" (51 mm) thick.
- Custom mortars adjusting the portland to lime ratio allows for both higher or lower strengths.

STANDARDS

Raw materials meet or exceed the following standards.

- Portland Cement Type II/V ASTM C 150
- Mortar sand ASTM C-144
- Type S Lime ASTM C 207

PRODUCT INFORMATION**Appearance / Color**

Gray Powder

Shelf Life

12 months from the date of production if stored properly in unopened and undamaged sealed packaging.

Storage:

Store in a cool, dry area free from direct sunlight. Shelf life of unopened bags when stored in a dry facility is 12 months.

Mixing Ratio

Use the following mix proportions to make general purpose concrete:

Concrete

Mix the following proportions for general purpose concrete

- 1 part portland
- 2 parts coarse sand
- 3 parts aggregate

Mortar

Mix the following mix proportions for general purpose mortar

- 1 parts portland
- ¼ part lime
- 3 parts mason sand

NOTE: Proper application and installation of all Basalite products are the responsibility of the end user.

Coverage figures do include allowance for surface profile and porosity or material waste.

Packaging**47 lb (21.3 kg)****94 lb (42.6 kg)**

For thicknesses less than 2" (51 mm) and toppings, use:

1 part of Portland Cement with 3 - 4 parts of concrete sand or general purpose.

LIMITED PRODUCT WARRANTY

The manufacturer warrants that this product shall be of merchantable quality when used or applied in accordance with the manufacturer's instructions. This product is not warranted as suitable for any purpose other than the general purpose for which it is intended. This warranty runs for one (1) year from the date the product was purchased.

ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE ON THIS PRODUCT IS LIMITED TO THE DURATION OF THIS WARRANTY. Liability under this warranty is limited to replacement of defective product or, at the manufacturer's option, refund of the purchase price. CONSEQUENTIAL AND INCIDENTAL DAMAGES ARE NOT RECOVERABLE UNDER THIS WARRANTY

CAUTION**WARNING! CAUSES IRRITATION-**

Avoid contact with eyes, skin, and clothing. Wash thoroughly after handling. Exposure may result in irritation of the skin, eyes, or nasal passages from alkali in cement. When wet, contact with the skin or eyes may result in irritation or burns. If skin contact occurs, wash immediately with soap and water and seek medical help as needed

FIRST AID: In case of eye contact, flush immediately with plenty of water for at least 15 minutes and get prompt medical attention; for skin, wash thoroughly with plenty of soap and water.

HARMFUL IF INHALED – Avoid breathing dust. Keep container closed. Use with adequate ventilation. Excessive exposure by inhalation over an extended period of time may result in the development of pulmonary diseases including pneumoconiosis and silicosis. Crystalline silica has been classified by IARC and NTP as a carcinogen.

PRECAUTIONS**READ MSDS PRIOR TO USING PRODUCT**

- Use with adequate ventilation
- Wear protective clothing, gloves, and eye protection (Goggles, Safety Glasses and/or Face Shield)
- Keep out of the reach of children
- Do not take internally
- In case of ingestion, seek medical help immediately
- Dispose of waste material in accordance with federal, state, and local requirements