

USG HYDROCAL® BRAND B-BASE™ GYPSUM CEMENT SOUTHARD, OK

DESCRIPTION

- USG Hydrocal® Brand B-Base™ Gypsum Cement is a hard and dense base that is used in a variety of applications including investment casting and dental use.
- Easy to use and is water soluble – there is no need for organic solvents for cleanup.
- Physical properties vary depending on the end use.
- Set time can be altered using accelerators or retarders.
- If information for a specific use is needed, please contact your local USG Sales Representative for further assistance.

TYPICAL PHYSICAL PROPERTIES

Normal Consistency	40 - 42 lbs. water/100 lbs. product (18 - 19 kg water/45 kg product)
Hand Mix Vicat Set, at normal	18 - 35 minutes
Color	White
% Passing — 30 mesh	99.95%
% Passing — 100 mesh	99.50%
Compressive Strength, One Hour After Set (minimum)	3000 psi (20.7 MPa)
Compressive Strength, Dry (minimum)	6000 psi (41.4 MPa)
% Expansion (maximum)	0.42%

NOTE The *Typical Physical Properties* in the above table were achieved under controlled laboratory conditions with freshly produced material, results may vary.

PRODUCT INFORMATION

See usg.com for the most up-to-date product information.

CAUTION

When mixed with water, this material hardens and becomes very hot sometimes quickly. DO NOT attempt to make a cast enclosing any part of the body using this material. Dust from mixing may cause irritation to eyes, skin, nose, throat and upper respiratory tract. Use only in a well-ventilated area, wear a NIOSH/MSHA-approved respirator. Wear eye protection. If eye contact occurs, flush thoroughly with water for 15 minutes. If on skin: Wash with plenty of water. If swallowed and/or irritation persists, call physician. For more information call Product Safety: 800-507-8899 or see the SDS at usg.com

KEEP OUT OF REACH OF CHILDREN.

TRADEMARKS

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NOTE

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For all terms and conditions see usg.com/terms-and-conditions.

SAFETY FIRST!

Follow good safety/industrial hygiene practices during installation. Wear appropriate personal protective equipment. Read applicable SDSs and literature before specification and installation.

STORAGE AND USAGE

When properly used, USG Hydrocal B-Base gypsum cement is safe to handle and easy to work with. Keep indoors at temperatures between 65 °F – 75 °F (18 °C – 24 °C) and 45% – 55% RH. Do not stack more than two pallets high. Keep from drafts. Rotate stock. USG Hydrocal B-Base gypsum cement should be used within six months of the manufacturing date located on the package. Always follow handling and use directions and safety warnings on the package.

800 USG.4YOU
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usg.com

Manufactured by
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