

MasterWeld® 440

Heavy-duty synthetic rubber adhesive

FORMERLY SONNEBORN® 400 ADHESIVE

PACKAGING

– 300 ml cartridges, 24 cartridges per carton

– 825 ml cartridges, 12 cartridges per carton

COLORS

Tan

YIELD

APPLIED AT 1/4" (6 MM) BEAD SIZE:
400 lineal ft / gallon (32.21 lineal m/L)
83 lineal ft (25 m) / 825 ml cartridge
30 lineal ft (9 m) / 300 ml cartridge

STORAGE

Store in unopened containers in a cool, dry area out of direct sunlight. MasterWeld 440 remains flexible even when stored at freezing temperatures

SHELF LIFE

18 months when properly stored

VOC CONTENT

3.1 lbs/gal or 286 g/L, less water and exempt solvents.

DESCRIPTION

MasterWeld 440 is heavy duty, synthetic, rubber-based adhesive. It increases contact areas on wood and other substrates, reducing vibration and the associated noise.

PRODUCT HIGHLIGHTS

- High green strength for quick initial grab
- Reduced nailing eliminates additional material costs and speeds installation
- Increased contact areas on wood produces stronger, stiffer, quieter installations by reducing vibration
- Accommodates longer joist spans and narrower joists
- No pretreatment required for most applications, reducing labor costs

APPLICATIONS

- Adhering wallboard to studs
- Bonding plywood subfloors to wood floor joists
- Bonding paneling to furring strips
- Board to board laminations

LOCATION

- Interior and exterior

Technical Data

Composition

MasterWeld 440 is a solvent-based synthetic-rubber adhesive.

Compliances

- American Plywood Association Specification AFG- 01, Adhesive for Gluing Plywood to Wood Framing
- ASTM D 3498
- FHA Bulletin UM-60

Typical Properties

PROPERTY	VALUE
Base	Synthetic-rubber resin
Viscosity	Medium paste
Application Equipment	Caulking gun
Open time, min	Up to 15
Solids, %	65
Storage	Nonfreezing
Flammability Ratings	
Labeling	Flash point below 0° F, extremely flammable
Transportation	UN1133 adhesive containing a flammable liquid
Service temperature range, ° F (° C)	Up to 190 (88)

Test results are typical values obtained under laboratory conditions. Reasonable variations can be expected.

HOW TO APPLY

SURFACE PREPARATION

Surfaces must be structurally sound, dry, clean, and free from all loose materials, oil, and grease that could adversely affect adhesion.

APPLICATION

GENERAL APPLICATION:

MasterWeld 440 comes ready to use. Do not open cartridges until preparatory work is completed. Cut nozzle to create the appropriate size bead. Puncture inner seal at the base of the nozzle. Apply bead of MasterWeld 440 to one substrate. Press other substrate firmly into adhesive, ensuring a complete bond.

SUBFLOOR APPLICATIONS:

1. Apply 1/4" (6 mm) bead to center of joists. Where 2 panels butt, use 2 beads near edge of joist. Sills and blocking members should also be spread with adhesive.
2. On tongue and groove panels and all floor covering materials, follow manufacturer's instructions.
3. Mechanical fasteners are recommended in addition to the use of adhesive.

FOR BEST PERFORMANCE

- Keep away from heat and open flame.
- Be careful not to smear adhesive beads.
- Do not apply at temperatures below 10°F (-12° C).
- Limit use to industrial applications. MasterWeld 440 is not intended for residential use.
- Heating Ventilation Air Conditioning (HVAC) units may draw solvent vapors into occupied building interiors. Solvent vapors can be irritating to people unaccustomed to the odor. Do not apply MasterWeld 440 in or around buildings occupied by nonconstruction personnel without consulting building management.
- Use only with adequate ventilation and with a minimum of 6 air changes per hour.
- If MasterWeld 440 is applied in or near areas containing foodstuffs, remove the foodstuffs before application and until the MasterWeld 440 has fully dried and all solvent vapors have dissipated.
- Make certain the most current versions of product data sheet and SDS are being used; call Customer Service (1-800-433-9517) to verify the most current versions.
- Proper application is the responsibility of the user. Field visits by BASF personnel are for the purpose of making technical recommendations only and not for supervising or providing quality control on the jobsite.

HEALTH, SAFETY AND ENVIRONMENTAL

Read, understand and follow all Safety Data Sheets and product label information for this product prior to use. The SDS can be obtained by visiting www.master-builders-solutions.basf.us, e-mailing your request to basfbcsst@basf.com or calling 1(800)433-9517. Use only as directed.

**For medical emergencies only,
call ChemTrec® 1(800)424-9300.**

LIMITED WARRANTY NOTICE

BASF warrants this product to be free from manufacturing defects and to meet the technical properties on the current Technical Data Guide, if used as directed within shelf life. Satisfactory results depend not only on quality products but also upon many factors beyond our control. BASF MAKES NO OTHER WARRANTY OR GUARANTEE, EXPRESS OR IMPLIED, INCLUDING WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE WITH RESPECT TO ITS PRODUCTS. The sole and exclusive remedy of Purchaser for any claim concerning this product, including but not limited to, claims alleging breach of warranty, negligence, strict liability or otherwise, is the replacement of product or refund of the purchase price, at the sole option of BASF. Any claims concerning this product must be received in writing within one (1) year from the date of shipment and any claims not presented within that period are waived by Purchaser. BASF WILL NOT BE RESPONSIBLE FOR ANY SPECIAL, INCIDENTAL, CONSEQUENTIAL (INCLUDING LOST PROFITS) OR PUNITIVE DAMAGES OF ANY KIND.

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