

**MORTAR NOTES:**

- MORTAR IN NEW WALLS SHALL BE TYPE "S" MORTAR, TYP. COLOR TO BE SELECTED BY OWNER AND ARCHITECT. SUBMIT SAMPLES OF MORTAR TO ARCHITECT / OWNER FOR APPROVAL PRIOR TO COMMENCEMENT OF WORK.
- REPLACEMENT MORTAR SHALL MATCH THAT OF EXISTING IN TYPE, COMPOSITION AND COLOR. CONTRACTOR SHALL TEST MORTAR FOR COMPOSITION TO RECREATE. PROVIDE SAMPLES TO OWNER/ARCHITECT FOR APPROVAL PRIOR TO COMMENCEMENT OF WORK.

**BRICK RE-POINTING CORRECTIVE PROCEDURE:**

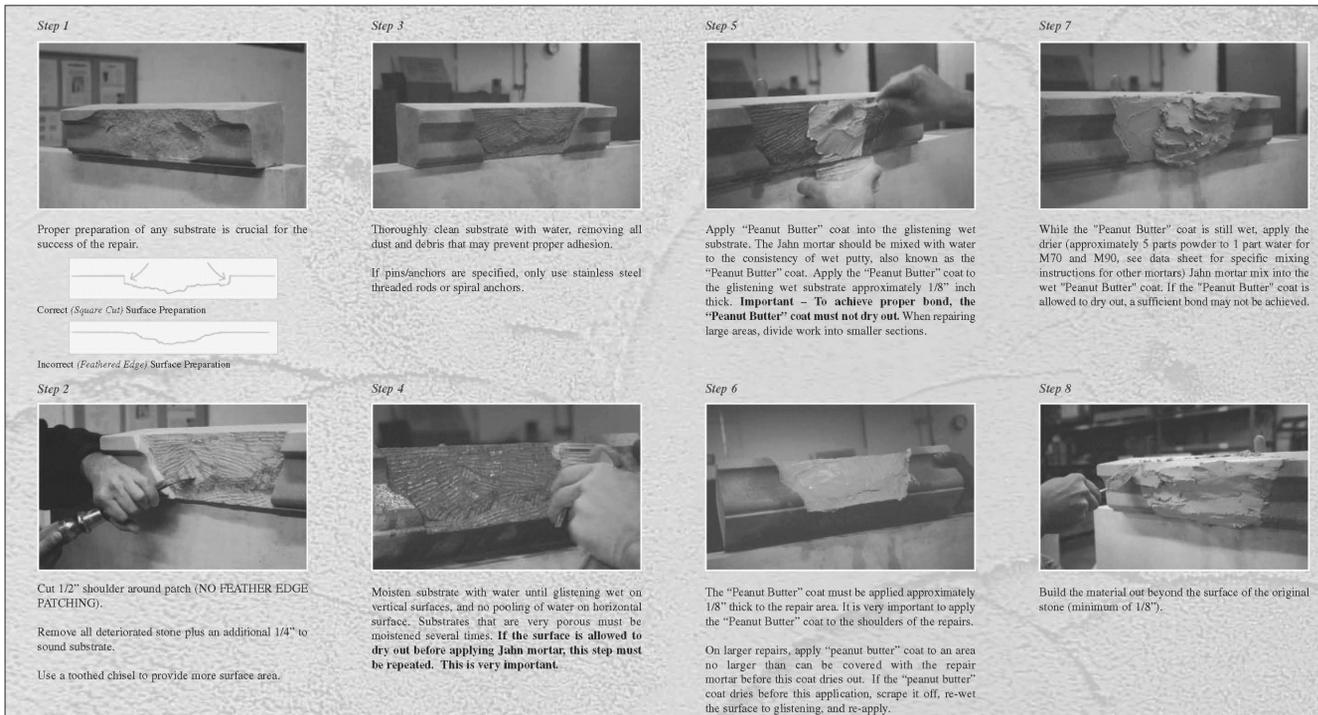
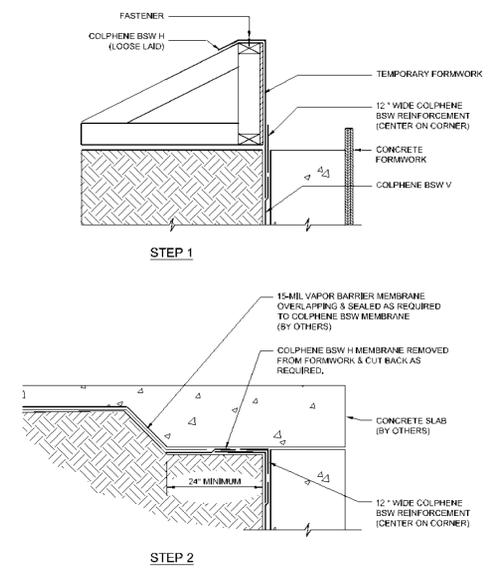
- CLEAN OUT CRACK OF ALL LOOSE MORTAR, BRICK, CONTAMINANTS, AND IMPURITIES.
- ROUT CRACK TO 1/8" MIN. WIDTH.
- PRIME ALL SURFACES TO RECEIVE SEALANT, WITH APPROVED PRIMER, AS PER SEALANT MANUFACTURER'S SPECIFICATIONS.
- MASK ALL ADJOINING SURFACES WITH TAPE TO ENSURE A NEAT JOB AND TO PROTECT ADJOINING SURFACES.
- INSERT BACKUP MATERIAL INTO JOINT.
- APPLY SEALANT.
- REMOVE MASKING TAPE IMMEDIATELY AFTER THE FINISH TOOLING OF THE SEALANT IS ACCOMPLISHED AND BEFORE THE SEALANT BEGINS TO CURE.
- THE SEALANT SHALL MEET FEDERAL SPEC. TT-S-00230C TYPE II, CLASS A. THE SEALANT SHALL BE APPLICABLE IN VERTICAL JOINTS. COLOR OF THE SEALANT SHALL MATCH COLOR OF EXIST. BRICK.

**STEEL LINTEL PAINTING NOTES:**

**PRIMER:**  
(1) COAT PRO INDUSTRIAL PRO CRYL PRIMER (B66W01310) BY 'SHERWIN WILLIAMS'

**FINISH:**  
(2) COATS PRO INDUSTRIAL WATER BASED CATALYZED EPOXY, B73-360 SERIES BY 'SHERWIN WILLIAMS'

**NOTE:**  
CONTRACTOR SHALL PROPERLY PREPARE SUBSTRATE AS PER MANUFACTURER'S RECOMMENDATIONS, TYPICAL.



**Tinting Mortar System**

Cathedral Stone® Products, Inc.'s Tinting Mortar System, allows Cathedral Stone® standard mortars to be adjusted on site. The standard colors are the basic building blocks for the tinting mortar system and can be infinitely adjusted to give the installer an array of colors. (Custom colors are still available through Cathedral Stone Products, Inc.)

**Custom Colors**

The system developed in our laboratory for matching masonry is unparalleled in the industry. The system was developed by masons to closely simulate actual on-site application methods. This system, established in 1984 and improved for the last twenty years, allows us to quickly and accurately match most masonry. Generally, samples go out within a few days; however, there are colors that are more difficult or are unable to be matched due to exceeding pigment levels (destabilizing the mortar). The color matching process also applies to our Silm potassium silicate paints and to our Terra Cotta glazing system.

In addition to Cathedral Stone's custom color system, a standard color chart is available. The standard color chart is the basis for the Jahn Tinting Mortar System. The Tinting Mortar System was developed for onsite custom color matching. Please contact a Cathedral Stone representative for more information on the Jahn Tinting Mortar System.

**Other Services Offered by Cathedral Stone® Products, Inc.**

- Consulting
- Training
- Technical Service
- Lab Analysis/ Testing
- Custom Formulated Mortars

**Cathedral Stone Products, Inc.**  
Setting the Standard for Masonry Restoration Products  
7244 Park Circle Drive  
Harrison, MD 21075  
Phone: 410-782-9155 Fax: 410-782-9155  
www.cathedralstone.com

**Jahn Mortars Basic Patching Procedures**

**Before and after pictures of a sandstone repair project in Washington, DC. Jahn M70 repair mortar was used to patch damaged sandstone.**

**Before**

**After**

**Disclaimer:** This guide shows the basic application and finishing techniques for Jahn M70, M90 and M100. This guide is not a substitute for the Jahn Certification Class. Onsite conditions and the scope of work could dictate alternative application techniques.

Date: 1/10/20  
Checked: DLF  
Drawn: TT/JG

**MICHAEL J. MCGOVERN, P.A.**  
THE REGISTERED ARCHITECT  
License No. 022257-1

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**LAN ASSOCIATES**  
engineering • planning • architecture • surveying  
252 MAIN STREET, GOSHEN, NEW YORK 10924 (845)815-0350

**MASONRY DETAILS**  
2019 BOND REFERENDUM  
MAMARONECK AVENUE ELEMENTARY SCHOOL  
MAMARONECK UNION FREE SCHOOL DISTRICT  
850 MAMARONECK AVENUE, MAMARONECK, NY 10543

Job No. 4.1092.72.2  
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