

DS Brown Company
 300 East Cherry Street
 North Baltimore, OH 45872
 (419) 257-3561
 (419) 257-0332 [Engineering Fax #]



Request for Information

Date Sent: 06-22-12

Response Requested by: ASAP

DS Brown RFI #: 36775-1104-RF1
 (File name format: DS Brown Project # - Product Code - RFI# or #####-###-RFI#)

| | |
|----------------------|-------------------------------|
| Contractor: | T Buck Construction |
| To: | Brian Emmons |
| Project Description: | Vt. Rt. 9, Principal Arterial |
| Project #: | ER-BHF 010-1(44) |
| Fax #: | |
| DS Brown Project #: | 36775-1104 |
| Reply to: | Erica Kelley |
| E-mail Address: | ekelley@dsbrown.com |
| Subject: | Elastomeric bearings |

Shop Drawing Status:

- Able to Proceed
- Able to Proceed BUT requested information needed prior to drawing submittal
- ON HOLD until receipt of requested information

Please provide the following items:

- Special Provisions
- Field Measurements (sketch provided—please complete)
- Structural Steel Drawings
- "As Built" Shop Drawings
- Finish Details
 - Federal Color Number
 - Paint System
- Contract Document Clarification (explanation provided below)
- Other (explanation provided below)

Explanation: 1) The contract plans specify the elastomer to be Grade 4 Neoprene. DS Brown does not have a compound for a neoprene grade 4 material. If a grade 4 material is needed, then the bearing will need to be supplied as natural rubber. Also, note our 60 durometer Grade 4 natural rubber has a shear modulus range of 136-184 PSI. Please verify that natural rubber and this shear modulus are acceptable.

2) Please note that thin steel is only available in gauge thickness. We will use 16 GA internal shims for the 1/16" shown. 16 GA is 0.060" thick. If you require this to be increased the next available GA is 14 GA which is 0.075" thick.

3) Please verify that Testing to AASHTO M251-06 is required.

OK

0.060 OK

0.060

1/16" = 0.0625"
 14 GA = 0.075"
 16 GA = 0.060"