1. Product Description

Metacaulk® 350i is a one component, general purpose fire rated sealant and smoke seal for construction joints and through-penetrations. Metacaulk® 350i is a water based, extremely intumescent, non-sag caulking grade sealant that is easy to apply as well as to retrofit. It cures to an elastomeric seal that is suitable where dynamic movement is expected. In the event of a fire, Metacaulk® 350i will prevent the spread of flames, smoke, hot gases and water through joint openings and through-penetrations. No dilution or mixing is required for use. No special skills are necessary for installation. Metacaulk® 350i is applied with a conventional caulking gun, bulk loading gun or can be troweled from the pail. For large applications, it can be pumped directly from the pail. For large applications, it can be pumped directly from the pail. Metacaulk® 350i systems are rated for 1, 2 and 3 hours in accordance with the ASTM E814 (UL1479), UL 2079 and ULC-S115-95 test standards. Metacaulk® 350i is protected in a wet stage as well as in a dry stage against mold growth with a combination of biocides.

Use Metacaulk® 350i for various applications:

- Top of the Wall Construction Joints
- Deflection Track Wall Systems
- Up to 2” (51 mm) PVC/CPVC (Open) Crosslinked Polyethylene (PEX) tubing
- Steel, Copper, Cast Iron and EMT Pipe
- Flexible Conduit
- Fiberglass Insulated Pipe
- Armoflex Insulated Pipe
- Telephone, Communication and Power Cables
- HVAC Ductwork

For a complete list of product applications or for additional technical information, call RECTORSEAL for the latest updated information.

2. Material Properties

For a complete list of product applications or for additional technical information, call RECTORSEAL for the latest updated information.

### Metacaulk® 350i Features

- Highly Intumescent
- Water Based
- Excellent Freeze-Thaw
- Flexible Set
- Paintable
- VOC Compliant
- Safe and Easy to Use
- Minimum 3 Year Shelf Life
- Protected against mold growth

### Freeze-Thaw

Excellent

### Skin Over Time

30 min. (at 77˚ F/ 25˚C)

### pH Value

6.5 to 7

### Volume Coverage:

- for 10.3 oz. tube (304ml) 18 cu. in. (295 cc)
- for 5 gallon (18.9 liter) 1155 cu. in. (5000 cu. cm/L)

### VOC

Negligible

### ASTM E 84, UL 723 Tunnel Test

<table>
<thead>
<tr>
<th>Flame Spread</th>
<th>Smoke Index</th>
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<tbody>
<tr>
<td>5</td>
<td>10</td>
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### Sound Transmission Class

STC 53*

*Tested in a UL 411 wall assembly/section to ASTM E90.

3. Applications

Metacaulk® 350i can be used in interior applications as a general purpose fire rated sealant and smoke seal for construction joints on both vertical and horizontal surfaces. Metacaulk® 350i is also an excellent fire rated acoustical sealant and can be used in areas under constant vibration or movement. Metacaulk® 350i can also be used on various penetrations such as EMT, telephone & power cables, insulated pipes, etc. in concrete floors and walls, gypsum walls as well as wood floors. Use Metacaulk® 350i to prevent the spread of fire and smoke through joints in fire rated gypsum wallboard partitions, concrete block or concrete walls and/or concrete or corrugated steel deck floor/ceiling assemblies.
10. LIMITED WARRANTY
RectorSeal makes the Limited Express Warranty that when the instructions for storage and handling of our products are followed we warrant our products to be free from defects. THIS LIMITED EXPRESS WARRANTY IS EXPRESSLY IN LIEU OF ANY OTHER EXPRESS OR IMPLIED WARRANTIES, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, AND OF ANY OTHER OBLIGATION ON THE PART OF RECTORSEAL. The sole remedy for breach of the Limited Express Warranty shall be the refund of the purchase price. All other liability is negated and disclaimed, and RectorSeal shall not be liable for incidental or consequential damages.

Suggestions and recommendations covering the use of our products are based on our past experience and laboratory findings. However, as we have no control as to the methods and conditions of application, we only assume responsibility for the uniformity of our products within manufacturing tolerances.