



Quick Joint HM (Hand Mixable) Joint Filler Technical Data

1. Product Name:

Quick Joint HM (Hand Mixable)
Semi-Rigid Polyurea Joint Filler

2. Manufacturer:

CSS Polymers, Inc.
2659 Freedom Pkwy., Ste 294
Cumming, GA 30041
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3. Product Description:

Quick Joint HM is a self-leveling, two-component, 100% solid rapid setting polyurea joint filler with a 4 to 6 minutes gel time that allows for hand mixing.

4. Uses:

Quick Joint HM is used to fill control joints or new construction joints and random cracks on concrete surfaces.

5. Limitations:

Quick Joint HM may change color if subjected to UV rays from certain types of lighting or sunlight

6. Installation:

Preparation: Concrete must have a minimum 28 day cure prior to application. Use a dry diamond saw, saw/abrade both sides of the joint walls. Assure that the joint is properly abraded and cleaned to full depth. Cracks need to be open providing a straight edge to a minimum 3/4" depth.

Application: Warm the product as needed to proper working temperature. Thoroughly mix "B" side before using. Small quantity of product can be hand mixed and pour. Pay strict attention to ratios. Measure equal parts "A" & "B". First pour "A" into mixing container. Begin mixing "A" and quickly stir in "B" mix for 30 seconds using a mixing stick. Fill the joint from the bottom of the joint up. Make the application with a slight over-pour. Trim the over-pour from the joint area 10 to 15 minutes later. Use a very sharp razor cutter to make the cut.

7. Color & Packaging

Quick Joint HM standard color is medium gray. Other colors are available on request. Quick Joint HM is packaged in 10 gallon kits 2-5 gallon pails. Cartridges & 55 gallon drums are available on request.

8. Technical Information:

Solids 100%
Shelf Life 1 year Mix Ratio 1:1
Hardness ASTM D2240 Shore A 90 +/- 5
Tensile ASTM D412 > 800 psi

Elongation ASTM D412 > 250 %
Tensile Modulus ASTM D412 > 600psi
Tack Free 10 minutes
Gel Time 4 to 6 min. @ 75°F
Full Traffic 30 minutes

9. Advantages:

No VOC, No ODOR
MEETS USDA REQUIREMENTS
100% POLYUREA
RAPID APPLICATIONS & SET TIMES
COLD APPLICATIONS BELOW 0°F
NOT SENSITIVE TO MOISTURE
NON-FLAMMABLE
SELF-LEVELING
EXCELLENT ABRASION RESISTANCE
HIGH IMPACT RESISTANCE
CHEMICAL RESISTANT

10. Coverage:

Theoretical Linear Feet Per Gallon				
Inches	1/2	3/4	1	1 1/2
1/8	308	205.3	154	102.7
1/4	154	102.7	77	51.3
1/2	77	51.3	38.5	25.7
1	38.5	25.7	19.3	12.8

11. Safety:

This product is for use by professional applicators only. Wear Protective Clothing Read MSDS before using this product DOT/Flash Point – Non-flammable Liquid Classification: Not regulated.

12. Warranty:

CSS Polymers, Inc. will refund the price of or replace, at its election, product it finds to be defective provided the product has been used properly. Except as expressly stated above, the company makes no warranty of merchantability and no warranty of fitness for any particular purpose, nor does it make any warranty, expressed or implied, of any nature whatsoever with respect to the product or its use. In no event shall the company be liable for delay caused by defects, for loss of use, for indirect, special or consequential damages, or for any charges or expenses of any nature incurred without its written consent.

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