Quick-Joint 85
Polyurea Floor Joint Filler
Technical Data

TECHNICAL DATA
Mix Ratio by Volume................................. 1A:1B
Specific Gravity
Part-A ..................................................... 1.12
Part-B.................................................... 1.07
Viscosity at 80°F
Part-A ................................................. 850 ± 100 cps
Part-B.................................................. 1000 ± 100 cps
Gel Time @ 80 °F, ASTM D-2471....................... 35 seconds
Shore A hardness, ASTM D-2240 ..................... 84 ± 3
Tensile Strength, ASTM D-412 .......................... 1700 ± 200 psi
Elongation, ASTM D-412............................... 300 ± 50%
Tear Strength, ASTM D-624 ........................... 250 ± 30 psi
Volatile Organic Compounds, (Part-A & B combined) 
ASTM D-2369=81........................................ <0.46 lbs/gal
Based on Lab Drawn Films

55 gm/liter

SURFACE PREPARATION
Allow concrete to cure 28 days before installation.
Saw cut the joint to ACI Recommendations.
All joints must be clean and dry prior to installing Quick-Joint 85. If joint is damp, dry with heat torch.
If primer is required, use SSP-Prime.
Remove all dust from the concrete pores prior to installing Quick-Joint 85. If backer rod is used in control joints, the recommended depth is not greater than 25% of the total depth of the slab.
Construction joints are to be filled to full depth using no backer rod or sand.
To repair T-joints, the joint should be cut a minimum of 25% of the total depth of the slab. The side of the T-joint must be cut 1 1/2” from the joint and a minimum of 1/2” deep.
For random crack and spall repairs each side of the crack should be cut to create a minimum 1/2” deep vertical edge. Ensure that all joint edges are at 90 degree angles to grade with no V-grooving of feather edges.

MIXING
Quick-Joint 85 may not be diluted under any circumstance.
Pre-mix Quick-Joint 85 Side-B material before combining with Side-A. Side-A material requires no mixing.
Add Side-A to Side-B while mixing, using a mechanical mixer at low speed. Mix until a homogeneous mixture and color is obtained (at least 5 minutes).
Use care to scrape the sides of the container to ensure that no unmixed material remains.
Use caution not to whip too much air into the material as this may result in pinhole blisters or shortened potlife.

STORAGE
Quick-Joint 85 should be stored at 60-90F (15-35C).
Quick-Joint 85 has a shelf life of one (1) year from date of manufacture in original, factory sealed containers.

LIMITATIONS
Do not use in cracks, construction joints or control joints if surface is subject to thermal cycling.
Discoloration will occur if exposed to UV, however no change will occur in the physical properties.

Revised: 09/04/2013

DESCRIPTION
Quick-Joint 85 is a two component aromatic, 1:1 ratio, rapid setting, self leveling, 100% solid polyurea caulking compound for application.

FEATURES
+ 100% Solids Meets VOC Regulations
+ Flexible
+ Down Time 30-90 minutes
+ Odorless
+ Meets USDA Criteria
+ Non-Toxic
+ Remains Flexible, Even in Cold Temperatures
+ Meets California VOC and AQMD Requirements

COLOR
Concrete Gray

PACKAGING
10 gallon kit: One 5 gallon pail of Side-A and one 5 gallon pail of Side-B.
100 gallon kit: One 55 gallon drum (net 50 gallons) of Side-A and 55 gallon drum (net 50 gallons) of Side-B.

COVERAGE RATES LF/Gallon

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<th>1/2&quot;</th>
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Covarages and yields shown do not include allowances for loss or waste and variations in job conditions. Each user must establish his own factors for loss from experience. These figures are the without the use of Backer Rod.

APPLICATION
For best results, Apply Quick-Joint 85 with a 1:1 ratio machine pump, with or without heater as required. This material can be applied at environmental temperatures from 20F (6.6C) as high as 135F (57C).

FINISHING
After applying Quick-Joint 85 wait 60-90 minutes, depending on temperature and humidity before opening to traffic.
Slice off any overpour flush to grade.
Open to traffic once Quick-Joint 85 has set.
Surface can be utilized to light traffic within 90 minutes of application.

CLEAN UP
Cured product may be disposed of without restriction. Mix excess A and B material and allow to cure. Check local, state, and federal laws before disposing of material.

WARNING
This product contains Isocyanates and Curatives.