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JF85 JOINT FILLING SYSTEM
PTMEG BASED POLYUREA JOINT FILLING SYSTEM

Protect your facilities concrete floor joints from excessive wear and damage due to heavy forklift use

JF85 Polyurea joint filler is designed to protect the vertical edges of concrete joints from cracking and spalling due to forklift traffic and heavy loading

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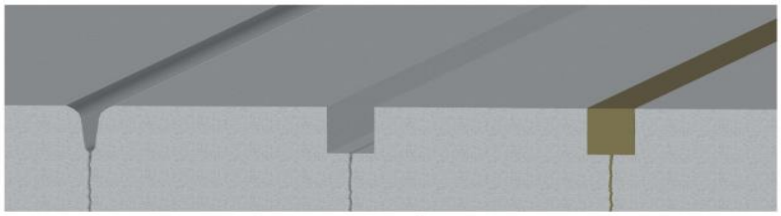
PTMEG BASED POLYUREA JOINT FILLING SYSTEM

JF85 PTMEG based Polyurea joint filler reduces concrete floor maintenance cost

JF85 is an environmentally friendly product that is non-toxic, odorless and VOC compliant.

JF85 is a tough durable semi rigid product that will protect your facilities concrete floor joints and provide years of valuable service

PTMEG based systems reduce wear to the concrete floor joints and provide greater durability and performance compared to non PTMEG systems.



Repair random Cracks | Fill and repair existing joint | New construction joint protection

PRODUCT AND INSTALLATION INFORMATION
JF85 is a two component semi-ridged PTMEG based Polyurea joint filler that must be applied thru low a pressure plural component pump or dual component cartridges.

JF85 reduces floor maintenance cost by preventing spalling and cracking of your facilities concrete floor due to fork lift traffic. Installation time can be as fast as 60 minutes returning your facility back into production quickly with minimal down time. **JF85** can also be used for lower temperature freezer applications. Cure times in freezer installations can be longer depending on the temperature. **JF85** is an environmentally friendly product that is non-toxic, odorless and is VOC compliant.

DAMAGED OR OLD JOINT MATERIAL PREPARATION remove any existing joint material within the joint by first cutting and removing by hand. Use a grinder with a U shaped diamond blade to chase the out the joint area. Remove all residual dirt and debris leaving a clean dry joint.

Acceptable for use in floors subject to USDA / FDA inspections and regulations. USDA prohibits the use of any chemicals where existing food or food packaging can become contaminated.

STANDARD COLORS:

Grey | Black

Tan | Yellow

JF85 POLYUREA JOINT FILLING SYSTEM

TECHNICAL DATA
PHYSICAL PROPERTIES

Shelf life	1-year
Foot traffic	1-hour
Wheel traffic	2-hours
Tack free @ 72ºF	4-8-min
Pot Life @ 72ºF	none
Mixing ratio A-B	1-1
Total Solid Content	100 %
Elongation (ASTM D412)	375 %
Tensile (ASTM D412) (psi)	2600
Compressive Strength (ASTM C109) (psi)	4100
Color stability (aromatic)	none
Flex-Life (ASTM D 1052) (cycles)	200,000
Taber Abrader (ASTM D 4060) 500 cycles	.094 / 1000
Tear (ASTM D 624)	520 lbs/in
Hardness (ASTM D 2240)	80-90A
V.O.C Content	0%
Trim time @ 72ºF	30-40 min
Trim time @ -10ºF	18-24 hours

INSTALLATION
JF-85 Pre-mix the B-side. Dispense thru a dual feed 1-1 ratio low pressure pump. Fill the entire joint depth in one pass, filling from bottom to top.

COVERAGE RATES (per gallon) per linear ft. Subject to substrate condition.

1” x ¼”= 80ft 1” x ½ ” =40ft 1” x ¾” =26ft 1” x 1” =20ft

2” x ¼”= 40ft 2” x ½ ” =20ft 2” x ¾” =13ft 2” x 1” =10ft

APPLICATION GUIDE
New floor installation in reference to ACI specification: It is recommended that filling be deferred as long as possible, a 28 day minimum is required to allow for new slab shrinkage and joint widening. When possible 90-120 day slab cure is advisable. Defer filling until after the facility is under permanent temperature if possible. Installation in cooler and freezer areas should be performed only after the room has been brought down to its ultimate operating temperature and stabilized there for no less than 14 days. JF-85 must be pre-heated with band heaters to 100°F-120°F in below zero freezer installations. At low temperatures JF85 will cure at a slower rate. All saw cut joints must be thoroughly cleaned to their full depth. Construction joints that are not sawn shall be cleaned to a depth of 1 1/2 “ , assuming a 6” slab thickness. (Note proper depth on a slab 8’ is 2”.) Preparation shall be performed using a vacuum-equipped saw that will reach the required depth and shall be used in a manner that takes both joint walls back to bare concrete, removing all laitance, curing compounds, sealers, and debris. Minor edge chips, should be squared off prior to filling. Review all ACI guide line prior to installation.

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JF85 Polyurea high abrasion resistance and flexibility make it ideal for use on elevated parking decks

JF85 is compatible with most urethane, polyurea and epoxy deck coating system. JF85's unique high tensile and compressive strength is well-suited for parking deck coating systems

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ISO 9001:2015 Certified QMS Manufacturer