

Technical Data Sheet (TDS)

DJF-60 Dynamic Joint Filler

Permanently Flexible Joint Filler

Special features

- ▣ Fill dynamic (moving) joints between slabs
- ▣ Remains permanently flexible
- ▣ Quick setting; Cures within 1 hour



Product Description

DJF-60 is a pre-measured two-component filler used for filling dynamic or moving joints in the concrete substrate. Ideal for filling joints of any width. Suitable for use with ERP 270 as a filler for joints where two slabs meet. Easy mixing and fast curing make it extremely easy to use. May be used in pre-measured containers as an entire mix or mixed in partials for the amount needed.

Pre-Installation Checklist

A successful installation requires proper preparation of the subfloor. Read and understand all applicable guidelines and technical data sheets before installation. Follow industry standards and flooring manufacturers' recommendations for subfloor moisture content, design, layout, and application of flooring materials. All flooring material's backing must be solid, sound, and free of anti-adherents. All slab constructions must meet the specific requirements of the floor covering to be installed.

Sub Floor Examination

Prior to installation, the subfloor must be checked according to applicable installation guidelines. It must be solid and sound, permanently dry, clean, free of chaps and anti-adherents, and resistant to pressure and tension. The moisture content of all floors must be measured before installation.

Sub Floor Preparation

The condition of the subfloor will determine which type of mechanical treatment is required (e.g. wire brushing, sanding, grinding, or shot blasting). Dust, paint, curing compounds, sealers, residual adhesives, or other surface contaminants MUST be removed and a porous surface achieved by suitable means. The extent of subfloor preparation can only be determined at the site by the installer. Clean the surface with an industrial vacuum cleaner and tack the floor with a damp microfiber mop before application. Do not use sweeping compounds unless they are water-based as most others will contain oil or wax which will act as an anti-adherent and prevent primers, sealers, leveling compounds, coatings, and/or adhesives from bonding to the concrete. Cracks and gaps must be treated prior to application of primers, sealers, leveling compounds, coatings, and/or adhesives (for details see Technical Information #19 @ www.staufusa.com).

Mixing of Components

Pour all of the curing agent from the small bottle into the large container. Mix with a slow-speed drill with a mixing paddle. Partial containers can be mixed in a separate container, mix the partial crack filler with an appropriate partial amount of curing agent and shake or stir for 60 seconds.

Installation Procedure

For dynamic joints over 1/2" deep, insert a backer rod into the crack and countersink at least 1/2" below the primary surface. Pour the Dynamic Joint Filler into the crack immediately after mixing and smooth out the surface with a flat trowel.

Limitations

When using other than STAUF products in conjunction with STAUF primers, sealers, leveling compounds, or adhesives, STAUF denies any and all responsibility for any ensuing problems and/or damages without prior written authorization from STAUF.

In case of an accident, injury, spill, or exposure, see SDS for information. Consult the Technical Data Sheet at www.staufusa.com for updated information. The filler will maintain its integrity and performance even when high levels of moisture or water are present. Please see below for recommended sealers if a moisture barrier is required.

The foregoing representations are based on the results of our most current product and material testing within a controlled environment and are of a non-obligatory advisory nature only. As such, they do not constitute an express or implied warranty of any kind including the Warranty of Merchantability and/or Fitness for a Particular Purpose. Because we have no control over the actual quality of workmanship, materials used, and worksite conditions, STAUF USA LLC will in no event be liable for any incidental and/or consequential damages. Therefore, we strongly recommend that prior on-site testing be conducted to refer to and study the suitability of the product for the intended purpose. With the release of this Technical Information Sheet, all its prior versions become invalid. For warranty and warranty disclaimer information please see our Limited Lifetime Warranty @ www.staufusa.com

General Features

- ❑ LEED qualified
- ❑ Works under any type of flooring
- ❑ Contains no isocyanates
- ❑ High shear strength
- ❑ Contains no solvents
- ❑ Nonflammable
- ❑ High solids content
- ❑ Freeze/thaw stable
- ❑ Works under any STAUF adhesive
- ❑ Bridges cracks

Installation Features

- ❑ Very low odor
- ❑ Dries quickly
- ❑ Higher temp will shorten drying time
- ❑ Observe pot life during installation
- ❑ No risk of sensitization

Long Term Features

- ❑ Resistant against aging
- ❑ Remains elastic
- ❑ Suitable for radiant heat systems

Approved Subfloors

- ❑ Concrete Slabs
- ❑ OSB (underlayment grade)
- ❑ Plywood (underlayment grade)
- ❑ Wet Concrete Slab up to 25#/24hr/1,000SF and 100% RH
- ❑ Asphalt

Spread Rate

- ❑ 1/2 x 1/2 in: up to 77 LF/gal

Curing Time before Flooring Installation

- ❑ Approx. 1 hour

Temperature Range during Installation

- ❑ 50-90F (10-32C)

Relative Humidity Range during Installation

- ❑ 20% - 90%

Packaging Size

- ❑ 3/4 gal. Plastic Pail

Color

- ❑ Yellow

Color Hardener

- ❑ Clear

Mixing ratio

- ❑ One bottle curing agent to one container of filler

Storage

- ❑ Dry

Shelf Life

- ❑ 6 Months in original, unopened container

Pot Life

- ❑ Approx. 20 min. @ 70F (21C)