

Product: **JOINT-FILL**

Code: BDJC15/ GR

Date of Issue: March 2007

Version: 2

1. PREPARATION AND COMPANY IDENTIFICATION:

Preparation Trade Name: **JOINT-FILL PAVING COMPOUND**

Supplier: **Bond It**

Address: Unit G16 River Bank Way, Lowfields Business Park, Elland, West Yorkshire. HX5 9DN. ENGLAND

Telephone: (+44) 01422 315300

Emergency: As Above

2. COMPOSITION/ INFORMATION ON INGREDIENTS:

Semi dry, brushable mortar which dries in contact with air.

<u>CAS Number</u>	<u>Chemical Name</u>	<u>%</u>	<u>Classification</u>
	White spirit	0.1-10%	R10; R51/53; R65; N, Xn
	Polybutadiene	0.1-10%	R43

3. HAZARD IDENTIFICATION:

Main Hazards: May cause sensitisation by skin contact.

Other Hazards: May cause sensitisation by skin contact.

4. FIRST AID MEASURES:

Inhalation: Exposure may cause coughing or wheezing. Remove person to fresh air and consult a doctor if symptoms persist.

Skin Contact: There may be irritation and redness at site of contact. Remove all contaminated clothes and footwear immediately unless stuck to skin. Wash immediately with plenty of soap and water. Consult medical advice if symptoms persist.

Eye Contact: There may be irritation and redness. The eyes may water profusely. Irrigate immediately with clean water for 15 minutes and obtain medical attention.

Ingestion: There may be soreness and redness of the mouth and throat. Wash out mouth with water and consult a doctor.

5. FIRE FIGHTING MEASURES:

Suitable Extinguishing Media: Use suitable extinguisher for the surrounding fire.

Exposure Hazards: In combustion emits toxic fumes.

Special Protective Equipment Required: Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

6. ACCIDENTAL RELEASE MEASURES:

Personal Protection: Do not attempt to take action without suitable protective clothing - see section 8.

Environmental Precautions: Do not allow to enter drains, rivers or water courses.

Clean-up procedures: Transfer to a closable, labelled salvage container for disposal by an appropriate method.

7. HANDLING AND STORAGE:

Handling: Avoid direct contact with the substance.

Storage: Store in cool, well ventilated area. Avoiding exposure to heat, light, moisture and air.

Suitable Packaging: Must only be kept in original packaging. Once the container is opened and the product exposed to air it will begin to harden.

8. Exposure Controls:

Respiratory Protection: Ensure there is sufficient ventilation of the area. Wear self-contained breathing apparatus in the case of emergency. Respiratory protective

Eye Protection: device with particle filter.
Safety glasses. Ensure eye bath is to hand.
Skin/Hand Protection: Protective gloves and overalls.

9. PHYSICAL AND CHEMICAL PROPERTIES:

Appearance:	Semi-dry mortar.	Colour:	Buff or Grey
Odour:	Characteristic	Solubility in Water:	Insoluble
Relative Density:	2.00		

10. STABILITY AND REACTIVITY:

Stability:	Stable under normal conditions.
Conditions to Avoid:	On exposure to air the product will slowly harden.
Materials to Avoid:	Strong oxidising agents, strong acids.
Hazardous decomposition products:	In combustion emits toxic fumes.

11. TOXICOLOGICAL INFORMATION:

Chronic toxicity:	May cause sensitisation by skin contact.
Routes of Exposure:	Refer to section 4

12. ECOLOGICAL INFORMATION:


Persistence & degradability:	No data available.
Bioaccumulation potential:	No data available.
Other Adverse Effects:	No data available.

13. DISPOSAL CONSIDERATIONS: Dispose of in accordance with local regulations.

14. TRANSPORT INFORMATION: ADR/RID:N/A; IMO: N/A; IATA: N/A

15. REGULATORY INFORMATION:

Label:	Xi: Irritant
Risk Phrases:	R43 May cause sensitisation by skin contact
Safety Phrases:	S2 Keep out of the reach of children.
	S24 Avoid contact with skin.
	S37 Wear suitable gloves.
	S46 If swallowed, seek medical advice immediately and show this container or label.



16. OTHER INFORMATION:

Risk Phrases used in S2:	R10 Flammable
	R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
	R65 Harmful: may cause lung damage if swallowed.
	R43 May cause sensitisation by skin contact.

Safety data sheet available for professional user on request. The data contained in this Safety Data Sheet has been supplied as required by the Chemical (Hazard Identification and Packaging) Regulations 1993, as amended, for the purpose of protecting the health and safety of industrial and commercial users who are deemed capable of understanding and acting on the information provided.

Please ensure that it is passed to the appropriate person(s) in your company, who are capable of acting on the information. This information is given in good faith, being based on the latest knowledge available to Bond It. No known relevant information has been omitted from this Material Safety Data Sheet and the information provided is designed to enable the user to use the product safely. The user should not assume on the basis of the information provided in this sheet that the product is suitable for any abnormal use. If the information provided is insufficient to ensure safety in any particular application, contact Bond It for further advice before the proposed application is undertaken.

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JOINT-FILL COMPOUND

Brush-in Joint Filler For Paving, Flags, Stones & Slabs

Description

A single component joint filling system for the simple and rapid pointing of paved areas with joints over 5mm. Ready to use, simple brush application.

A unique blend of polymers and aggregates that bind together chemically. On exposure to the atmosphere JOINT-FILL forms a stable solid mass that is unaffected by the weather.

Uses

JOINT-FILL is ideal for pointing paving with joints 5mm+ and is suitable for domestic and commercial installations, inside and out. JOINT-FILL is also compatible with most types of paving including natural stone, terracotta, clay, concrete and cobble stones.

- ◆ Patios
- ◆ Piazzas
- ◆ Shopping centres
- ◆ Car parks
- ◆ Pathways
- ◆ Service areas
- ◆ Any paved area.

Preparation

All joints to be pointed should be dry, free from weeds, dirt or debris.

Joints to be pointed must have a MINIMUM width of 5mm throughout the full depth of the joint. The depth of the joint should not be less than 25mm.

JOINT-FILL should not be applied in the rain or wet conditions. If rain threatens after application, JOINT-FILL should be protected until cure has taken place. Not to be applied at temperatures below 10°C.

Mixing

JOINT-FILL is supplied ready-to-use, however, some compaction of the product may occur in storage and a light raking of the product may be required.

Application

Open the JOINT-FILL pack and empty sufficient product to treat approximately 10m² of paving. Using a soft broom, work the compound into the joints making sure that each joint is completely filled and

compacted. A pointing tool may be used to compact further and achieve a traditional finish.

Cleaning

Tools should be cleaned immediately after use with warm soapy water.

Storage Conditions

Store unopened, in cool, dry conditions. Once opened or punctured the contents will begin to harden.

Shelf Life

Minimum 12 months in original, sealed bags.

Disposal of Containers

Do not leave empty containers or bags where residue could be harmful to children, animals or the environment. Replace lids and remove any containers to a central disposal point in accordance with local regulations.

Health & Safety

- ◆ Avoid contact with skin and eyes. In case of contact to eyes irrigate thoroughly for 15 minutes with clean running water.
- ◆ Resin products can cause irritation, dermatitis or allergic reaction.
- ◆ Keep out of reach of children.
- ◆ Wear suitable protective clothing, gloves overalls and eye and face protection.
- ◆ If ingested, seek medical attention.
- ◆ Use in well ventilated areas.
- ◆ Refer to relevant health and safety data sheet for full details.

Specification Summary

Application Temperature Limits	+10 to + 30°C
Freeze Thaw Resistance	Exceeds BCRL:BM2:1993
Curing Time	24-48 hours @ 10°C 6-12 hours @ 20°C
Compressive Strength	1 day @ 20°C: 7N/mm ² 7 days @ 20°C: 11N/mm ² 28 days @ 20°C: 17N/mm ²
Colour	Buff or Grey

Coverage Chart

Approximate coverage per 15kg pack:

JOINT WIDTH	Paving Dimension (with a joint depth of 25mm)		
	250mm x 250mm	450mm x 450mm	600mm x 600mm
5mm	9.75m ²	16.5m ²	20.0m ²
6mm	8.25m ²	14.25m ²	16.5m ²
7mm	6.75m ²	12.5m ²	13.0m ²
8mm	6.0m ²	11.0m ²	12.5m ²
9mm	4.75m ²	9.0m ²	11.0m ²
10mm	4.5m ²	8.25m ²	9.75m ²

Container Sizes

Colour:	Buff
Code:	BDJC15
Size:	15 Kg
Colour:	Grey
Code:	BDJC15GR
Size:	15 Kg

Note:

- ◆ **JOINT-FILL** cures by reaction with oxygen and usually cures within 8-12 hours at typical temperatures (15-20°C). Rainfall during or immediately after application will retard the cure; protection is recommended.
- ◆ Efflorescence is an inherent characteristic of concrete paving, particularly in riven and reconstituted stone, and is not promoted by the use of Bond It **JOINT-FILL COMPOUND**.
- ◆ In periods of heavy rainfall, deposits of dirt and pollution may be highlighted on the **JOINT-FILL** joints. This can be easily removed by brushing when dry or hosepipe when wet.
- ◆ The surface of the paving slab will appear enhanced after application, increasing the intensity of colour of the pavours. This effect is only temporary.
- ◆ **JOINT-FILL** cures by reaction with the air - once opened it will start the curing process so use immediately and avoid puncturing foil bags.
- ◆ If using grey **JOINT-FILL** on light coloured paving, the paving should be treated with a sealer prior to application of **JOINT-FILL**.

The data presented in this leaflet are in accordance with the present state of our knowledge, but do not absolve the user from carefully checking all supplies immediately on receipt. We reserve the right to alter product constants within the scope of technical progress or new developments. The recommendations made in this leaflet should be checked by preliminary trials because of conditions during processing over which we have no control, especially where other companies raw materials are also being used. The recommendations do not absolve the user from the obligation of investigating the possibility of infringement of third parties rights and, if necessary clarifying the position. Recommendations for use do not constitute a warranty, either expressed or implied, of the fitness or suitability of the products for a particular purpose.

BOND IT

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