



# GravelBond™

Gravel adhesive

## Application

- For the solidification of gravel, pea gravel or ballast chippings on single layer roof membranes or bitumen roof membranes

## Key Features

- Ensures gravel stays in position on roof - especially during strong winds
- Ensures stones are not kicked off roof by mistake
- Colourless - stones maintain natural look
- When undiluted mix with stones in cement mixer or bucket - can be used on roof inclinations up to 60°
- Can be diluted with water up to 20% and applied with suitable spray gun or watering can - can be used on roof inclinations up to 20°

## Datasheet

Document reference: DS-RP-GB-2.21/02

GravelBond™		
Code	Canister size (kg)	Coverage
GRAVELBOND	33.0	Approx. 1kg/m <sup>2</sup> on 5cm high gravel covering



GRAVELBOND

GravelBond Technical Data	
Specification	<ul style="list-style-type: none"> <li>• dispersion-based</li> <li>• colourless</li> <li>• protect against frost (as a liquid)</li> <li>• resistant to frost, water and weathering when hardened</li> <li>• not classed as dangerous goods (for shipping information)</li> <li>• does not damage roof membranes</li> </ul>
Application	<ul style="list-style-type: none"> <li>• fixing of gravel on flat roofs and pitched roofs</li> <li>• useable up to 60° roof inclination</li> </ul>
Instructions for use	<ul style="list-style-type: none"> <li>• use warm and dry weather for processing the gravel adhesive</li> <li>• warm temperatures shorten the hardening process</li> <li>• do not apply during rain and/or cold temperatures – this will dilute the adhesive and weaken the quality of the adhesion</li> <li>• can be diluted with max. 20% water; best results are with pure adhesive</li> <li>• a cement mixer can be used to mix the dried and clean gravel with the adhesive</li> <li>• Not for use, storage or transport under 5C</li> </ul>
Consumption	<ul style="list-style-type: none"> <li>• 0,5 - 0,8 kg/m<sup>2</sup> on slate splinter</li> <li>• 0,6 kg/m<sup>2</sup> - on 2cm gravel layer</li> <li>• 0,75kg/m<sup>2</sup> - on 3cm gravel layer</li> <li>• 1,0 kg/m<sup>2</sup> - on 5cm gravel layer</li> </ul>
<p>The consumption will be higher on pitched roofs and larger sized gravel.                      The consumption depends on the outside temperature during processing and on the desired strength of the bonding.</p>	

**FIXFAST Ltd | Merlin House | Seven Mile Lane | Borough Green | Sevenoaks | Kent | TN15 8QY**  
**T: 0800 304 7616 | F: 0845 450 7486 | E: info@fixfast.com | W: www.fixfast.com**

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 The registered office is Fixfast, Merlin House, Seven Mile Lane, Borough Green, Sevenoaks, Kent, United Kingdom TN15 8QY*

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Certificate number 10905  
 ISO 9001, ISO 14001  
 ISO 45001

## GravelBond Handling Instructions

<p>Areas of Application</p>	<p>Fixfast GravelBond adhesive is a specially developed and composed plastic dispersion that dries out colourless.</p> <p>The specific properties of the individual components in particular are adhesiveness, flowing ability as well as water, frost and weathering resistance.</p> <p>If a surface is required to be in a specific colour due to architectural or aesthetic reasons, GravelBond adhesive can also be delivered in corresponding colours.</p> <p>Fixfast GravelBond adhesive helps in fixing gravel ballasting, beaded gravel or slate chips and has been used for roof inclinations of up to 60° since 1960.</p> <p>Fixfast GravelBond adhesive is used for fixing ballasting on single layer roof membranes as well as bitumen roof membranes.</p> <p>On roofs without or with only a slight inclination, the fixing can be limited to the corner and perimeter sections (protection against wind forces). On roof surfaces with greater inclination, GravelBond adhesive is applied on the entire roof surface. If surface contact with the sealing is to be avoided, an intermediate layer of polyester fleece is recommended. Polyester fleece stabilizes the fixed ballasting on CSM chloro-sulphonated polyethylene (hypalone).</p>
<p>Processing Instructions</p>	<p>Fixfast GravelBond adhesive is processed in weather that is as dry and as warm as possible to ensure hardening of the adhesive film within a short time.</p> <p>The non processed, liquid GravelBond adhesive must be protected against frost.</p> <p>The gravel is fixed on roof surfaces with an inclination of about 20° by spraying the GravelBond adhesive. This is done using a suitable spraying device (e.g. Loka-Membrane pumps) or in case of smaller surfaces, using a watering can with a sprinkler. In both cases, the GravelBond adhesive can be diluted with water by up to 20% depending on the temperature and desired consistence.</p> <p>When applying gravel on roofs with greater inclinations, the washed and dry gravel is mixed with undiluted GravelBond adhesive - for example in a concrete mixer - in such a manner that the gravel is wetted from all sides. The wetted gravel must then be spread on the roof surface. Beaded gravel or slate chips are fixed such that the undiluted GravelBond adhesive is applied on the roof using a lambskin roll and distributed with a brush or friction board as well as pressed down by tapping on it.</p> <p>To obtain a properly bonded gravel layer, the loose parts can be removed after curing. The surface is then sprayed with the undiluted GravelBond adhesive one more time.</p>

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