



gtResi-Grille

Introduction :

The gtResi-Grille has been specifically designed to be filled with gtResibond gravel. Once installed it provides a durable, hardwearing, yet porous finish to hard landscaped areas.

gtResi-Grille with gtResibond can be used in areas where conventional means of mulching with loose materials may not be practical due to the constant displacement of the material, increasing maintenance time and costs.

Product Description:

The gt Resi-Grille has been developed after requests from contractors across the UK, requiring a tree grille that offers the aesthetic and porous properties of resin bound surfaces.

The cast iron grille has a recess of 50mm, this allows the grille to be filled with gtResibond to create a porous surface.

When filled, the gtResi-Grille supports the load of street traffic protecting the root ball of the tree.

Not only does the gtResi-Grille look contemporary, it is robust, hard wearing and able to withstand trafficking from pedestrians.

The gtResi-Grille also offers a clean surface - no rubbish, cigarette ends or leaves will become trapped within the Resi-Grille.

Matching guards also available.

Material:

Mild Steel Hop Dip Galvanised to BS EN ISO 1460:1999

Depth of gtResibond in grille:

50mm



| Grille Size | Internal Aperture |
|-----------------|-------------------|
| 1000mm x 1000mm | 400mm |
| 1200mm x 1200mm | 400mm |





gtResibond

Porus, resin bonded surface

Introduction:

gtResibond is an easy to install, porous, resin bonded surface layer of aggregate, suitable for the surrounds of trees within hard-landscaped areas.

gtResibond can be used in areas where conventional means of mulching with loose materials, may not be practical due to the constant displacement of the material increasing maintenance time and costs.

The benefits of installing gtResibond:

- Once laid and allowed to cure is virtually maintenance free
- Categorised as a hard surface, it has the attributes of being durable and hard wearing, able to withstand pedestrian trafficking, wheelchairs and prams.
- The stone will stay within the tree pit, alleviating the problem of loose stones.
- High porosity, allowing the free flow of air and moisture in the soil thus maintaining a healthy environment for the tree to develop.



Resibond Kit Includes:

- Resin in 2 components marked A & B
- 3 bags of 3-5mm size, washed and dried aggregate.
- A mixing paddle, bucket and gloves

Technical Properties:

- Pack coverage: 1m of surfacing (45mm depth)
- Cure: 20°C 3.0 - 4.0 hours
- Mix Life: 20°C 20 minutes
- Viscosity: 25°C 0.7-1.2 Pas (7-12P)
- Storage Life: 20°C 2 years
- Ambient temperature: 5°C and 35°C during application and cure





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Surface Preparation:

The ambient temperature should be between 5°C and 35°C during application and cure. Dry weather conditions and a dry substrate are essential. For low temperature applications refer to gtSepsifier. If not already in place a solid base should be created above the underlying tree soil to accommodate the surfacing. This will include at least 100mm of free draining crushed stone, compacted and preferably separated from the underlying material with a geo-textile such as Terram. The prepared area should be swept and completely dry before application of the surfacing.

Mixing and Application:

Resin Binder: gtResibond is supplied in pre-weighed packages. Pour contents of Pack A and Pack B into a mixing container, and stir well for about 2 mins. or until a consistent colour is achieved.

Binder & Aggregate: Place the dry aggregate into the mixing bucket supplied. Commence mixing with the paddle supplied and pour in mixed resins. Mix for a minimum of 1 minute ensuring aggregate is evenly coated. If it has been necessary to dry the aggregate using heat it must be allowed to cool down (hot aggregate will accelerate binder curing).

Application: The application area must be contained in order to support the wet resin mix before it cures. Typically there will be a kerb around the tree pit and a collar around the tree itself (sufficient to allow for growth). Apply the resin and aggregate mix immediately to prepared area. Either tamp down or finish with a trowel.

Available in a variety of colours:



gtSilver



gtBrittany Bronze



gtWhite



gtRed



gtCorn Flint