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J21 MASTIC ASPHALT ROOFING FINISHES
TO BE READ IN CONJUNCTION WITH PRELIMINARIES/GENERAL CONDITIONS
GUARAFLEX POLYMER MODIFIED MASTIC ASPHALT
BBA AGREEMENT CERTIFICATE NO: 00/3691 - PROPRIETARY SYSTEM 9
NATIONAL BUILDING SPECIFICATION (NBS) 155 GENERAL

Types of coating: Guaraflex Asphalt
**(Internal/External Insulated
Waterproof Paving)**

Polymer modified asphalt system for new build or refurbishment (concrete decks). Insulated decks for car and light commercial vehicles, maximum wheel load 2 tonnes per axle.

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- 1) **Substrate:**
Insitu concrete or precast concrete planks grouted/laid flat or to falls.

Note: Provision should be made for removal of entrapped moisture in accordance with the requirements of BS 6229:2003.

- 2) **Outlets:**
2.1 For new build refer to clause **310a.**
2.2 For refurbishment - reuse existing outlets.

- 3) **Preparation for New Build:**
Refer to clause **610a** and **610b.**

- 4) **Insulation:**
As clause **440a.** For alternative insulation, consult with Guaranteed Asphalt for recommendations and advice.
Tel: 020-7277-8773 Technical Services: 020-7732-7781
Email: gacorby@talk21.com
Web: www.guaranteedasphalt.com and advice.

- 5) **Protection:**
As clause **440a(1)** over insulation.

6) **Screeds:**

6.1 For new build, refer to clause **610d.**

6.2 For refurbishment Guarascreed as **610c** may be used to enhance existing falls, if required.

Note: Other types of screed may be used.
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7) **Priming:**

For new build or refurbishment refer to clause **320a.**

8) **Separating layer (loose laid):**

As clause **695a.**

9) **Horizontal Mastic Asphalt Waterproofing:**

To falls/slopes not exceeding 5° from horizontal covering to deck. Cappings to kerbs, channels, gutters and the like.

- Manufacturer: Manufacturing Division, Guaranteed Asphalt Limited,
Earlstreet Industrial Estate, Princewood Road, Corby,
Northants NN17 4AP.
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Note: For decks sloping over 5°, refer to Guaranteed Asphalt for
recommendations.
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- Product reference: Guaraflex R 10mm thickness polymer modified asphalt - as
clause **740d.**

- 10) **Horizontal Mastic Asphalt Paving/Protection Layer/Wearing Course:**
To slopes not exceeding 5° from horizontal covering to deck.
- Product reference: Guaraflex PP 25mm thickness polymer modified asphalt - as clause **740f.**
 - Surface finish: Sand rubbed and crimped with indenting roller.
- 11) **Upstands:**
Coverings to upstands, kerbs and the like as clause **750a** and **750b.**
- 12) **Insulated upstands:**
As clause **750c** where required.
- Note: Guaraflex R mastic asphalt upstands may be used as clause **750d.** Refer to Guaranteed Asphalt for recommendations and advice.
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- 13) **Refurbishment:**
REFER TO SPECIFICATION J21 155 E.
- 14) **Guarantees:**
As clause **940a** and if required **940b.**
- 15) **Accessories (where required):**
- 15.1 Timber for trims as clause **330** and **640.**
- 15.2 Edge trims as clause **345** and **785a.**
- 15.3 Movement joints as clause **380** and **770.**
- Consult with Guaranteed Asphalt for recommendations and details.
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- 16) **Completion:**
As clauses **910** and **940.**