

155 J

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 10
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
heavy commercial vehicles, maximum wheel load
10.5 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:**
For new build, refer to clause **610a** and **610b.**

- 4) **Additional Protection for High Stress Areas:**
Refer to clause **660b.**

- 5) **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

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

- 7) **Screeds:**
For new build, refer to clause **610c.**
- Note: Other types of screed may be used.
Refer to Guaranteed Asphalt for recommendations and advice.
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- 8) **Priming:**
For new build or refurbishment, refer to clause **320a.**
- 9) **Refurbishment:**
REFER TO SPECIFICATION J21 155 F.
Where insulation and concrete protection layer is retained.
- 10) **Separating layer (loose laid):**
As clause **695a.**
- 11) **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.
Tel: 01536-262381 Technical Services: 020-7732-7781.
Email: gacorby@talk21.com
Web: www.guaranteedasphalt.com
- Note: For decks sloping over 5°, refer to Guaranteed Asphalt for
recommendations.
Tel: 020-7277-8773 Technical Services: 020-7732-7781
Email: gacorby@talk21.com
Web: www.guaranteedasphalt.com
- Product reference: Guaraflex R 15mm thickness polymer modified asphalt - as
clause **740d.**

12) **Horizontal Mastic Asphalt Paving/Protection Layer/Wearing Course:**

To slopes not exceeding 5° from horizontal covering to deck.

- Product reference: Guaraflex PPH 35mm thickness polymer modified asphalt - as clause **740g.**

- Surface finish: Sand rubbed and crimped with indenting roller. Pre-coated chippings 14 or 20mm in high stress areas.

13) **Upstands:**

Coverings to upstands, kerbs and the like as clause **750a** and **750b.**

14) **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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15) **Guarantees:**

As clause **940a** and if required **940b.**

16) **Accessories (where required):**

16.1 Timber for trims as clause **330** and **640.**

16.2 Edge trims as clause **345** and **785a.**

16.3 Movement joints as clause **380** and **770.**

Consult with Guaranteed Asphalt for recommendations and details.

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17) **Completion:**

As clauses **910** and **940.**