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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: 00/3701
NATIONAL BUILDING SPECIFICATION (NBS) 115 GENERAL

Types of coating: **Guaraflex Asphalt
(Warm Roofing)**

Polymer modified asphalt warm roof system, for new build or refurbishment (timber or metal decks).

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- 1) **Substrate:**
 Profiled metal/timber or plywood decking, designed in accordance with BS 6229:2003,
 laid flat or to falls.

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

- 3) **Preparation:**
3.1 For removal of existing coverings, refer to clause **610a** and **620a.**
3.2 For new build, refer to clause **610a** and **610b.**

- 4) **Priming:**
 For new build or refurbishment refer to clause **320a.**

- 5) **Vapour control layer:**

5.1 Timber deck: Joints in plywood substrate refer to clause **660a.**
5.2 Metal deck: As clause **395b.**
5.3 Laying: Refer to clause **670a.**

- 6) **Insulation:**
 (For structures to falls) As clause **420a.**
 For alternative insulations/cut to fall systems, refer to clause **420b, 430a-e.** Consult
 with Guaranteed Asphalt for recommendations and advice.
 Tel: 01536-262381. Technical Services: 020-7732-7781.
 Email: gacorby@talk21.com
 Web: www.guaranteedasphalt.com

- 6.1 Attachment: As clause **680a.**

- 7) **Separating layer (loose laid):**
As clause **695a** over insulation.
- 8) **Horizontal Mastic Asphalt Waterproofing:**
To falls/slopes not exceeding 5° from horizontal covering to decks. Cappings to kerbs, channels, gutters and the like.
- **Manufacturer:** Manufacturing Division, Guaranteed Asphalt Limited, Earlstree Industrial Estate, Princewood Road, Corby, Northants NN17 4AP.
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 - **Product reference:** Guaraflex R polymer modified asphalt - as clause **740b** over separating layer.
- 9) **Upstands:**
Coverings to upstands, kerbs and the like as clause **750a** and **750b**.
- Note:** Guaraflex R mastic asphalt upstands may be used as clause **750d**.
Refer to Guaranteed Asphalt for recommendations and advice.
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- 10) **Insulated upstands:**
As clause **750c** where required.
- Note:** For decks sloping over 5°, refer to Guaranteed Asphalt for recommendations.
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- 11) **Surface protection:**
Solar reflective paint for areas not subject to foot traffic.
Guaranteed solar reflective paint as clause **495** and **545** to exposed asphalt.

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- 12) **Surface protection:**
Porous concrete tiles for areas subject to foot traffic.
Guaranteed porous concrete tiles as clause [470a](#) and [860a](#) to access walkways and promenade surfaces, bonded to Guaraflex R in strict accordance with manufacturers instructions.

Note: Other types of tiles may be used. Refer to Guaranteed Asphalt for recommendations and advice.

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- 13) **Guarantees:**
As clause [940a](#) and if required [940b](#).

14) **Accessories (where required):**

14.1 Timber for trims as clause [330](#) and [640](#).

14.2 Edge trims as clause [345](#) and [785a](#).

14.3 Movement joints as clause [380](#) and [770](#).

Consult with Guaranteed Asphalt for recommendations and details.

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- 15) **Completion:**
As clauses [910](#) and [940](#).