



CONMARBLE
NATURAL FINISHES



BASE BUILD-UP DETAIL
ADDACOLOR
Driveways and urban pathways

A CONMARBLE NATURAL FINISHES SYSTEM · RESIN-BOUND & RESIN-BONDED SURFACING

MANUFACTURED BY



Addagrip Terraco Ltd · United Kingdom

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Urban Pathways

Typical base build up for Addacolor urban pathways

Recommended specification for Addacolor:

0.5mm diameter glass grit lightly broadcasted onto uncured surface for antislip.

Surface Course

Hand applied and troweled to a smooth finish by Addagrip approved installers. 3mm aggregate formulation min. 12mm (semi-porous). To aid installation of surface design details in multiple colours, a CNC template may be used.

Binder Course

Laid by others in a well compacted layer to a minimum fall of 1.5% (1 in 66). A 50mm depth of AC14 Open Surface asphalt concrete max 160/220 pen to BS EN 13108-1:2006 (Bituminous Macadam) or 50mm depth of Addaset Amber Base.

Sub-base

Laid by others in well compacted layers to a minimum fall of 1.5% (1 in 66). A minimum 150mm depth of well compacted, non-frost susceptible Type 1X or Type 3 granular sub-base to SHW clause 803 or locally available secondary or recycled aggregates which comply with the requirements of the SHW for sub-bases.

Soil

CBR>5% required. If below, capping layers are required to strengthen soil. Consult your soil engineer for further guidance.

Note:

1. Existing Binder Course

- 1.1. Existing asphalt or concrete must be sound and suitable for the anticipated use.
- 1.2. Any movement or construction joints in concrete must be reflected through the finished surface.
- 1.3. Cracks should be broken out where necessary and filled using an appropriate polymer or cement-based crack repair material.
- 1.4. The base must be level, with a maximum tolerance of 3mm under a 1m straight edge.

2. Drainage & Falls

- 2.1. Where non-permeable build-up layers are used or there is a risk of ponding, the surface must be laid to suitable falls.
- 2.2. Adequate subsurface drainage must be installed to manage surface water.
- 2.3. The suitability and compliance of all base build ups and drainage arrangements must be assessed and designed by a suitably qualified drainage or civil engineer.

3. Sub-base & Ground Conditions

- 3.1. If plastic or silty sub-grade is present, a capping layer must be installed in accordance with the Highways Agency Design Manual for Roads and Bridges (CD225).
- 3.2. Total sub-base thickness will depend on loading requirements and any attenuation needs. Structural capacity and hydraulic performance must be confirmed by the project appointed structural and drainage engineers.

4. Edging

- 4.1. Suitable edging (steel, timber, brick, stone, or aluminum) must be provided to ensure a clean and durable finish

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