DekorGrip

RESIN BOUND SURFACING

BASE BUILD UP SPECIFICATIONS

Follow links below for appropriate specification advice

- Car Parks & Roadways (SUDS) - Asphalt
- Car Parks & Roadways (SUDS) - Concrete
- Private Driveways - Asphalt
- Private Driveways - Concrete
- Pedestrian Areas - Asphalt
- Pedestrian Areas - Concrete
- Driveways & Pedestrian Areas - EcoGrid
- Podium Roof Deck

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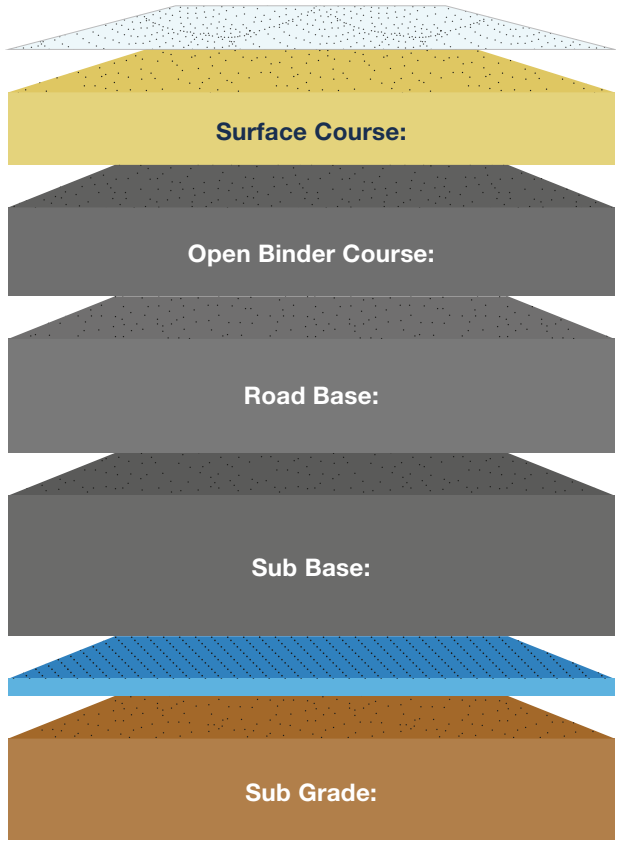
RESIN BOUND SURFACING

CAR PARKS AND ROADWAYS (SuDS)

Typical Base Build Up - Asphalt



Laid in well compacted layers to a minimum fall of 1%.

Crushed glass broadcasted onto uncured surface.

The typical depth of DekorGrip Resin Bound surfacing:
6mm DekorGrip Resin Bound @ 18mm Depth
10mm DekorGrip Resin Bound @ 25mm Depth

A 40mm depth of 10mm open graded asphalt surface course, max 150 Pen to BS EN 13108-1:2006

A 100mm depth of 20mm open graded asphalt base course, max 150 Pen, to BS EN 13108-1:2006

A 300-500mm depth of well-compacted non-frost susceptible, Type 3 (open graded) sub base to SHW clause 805

Geo-textile membrane to prevent upward migration of fine soil particles

- **Purpose:** To provide a seamless, porous and flexible roadway.
- **Advantages:** An attractive and durable surface that allows the free flow of air and water as well as remaining easy to clean.
- **Notes:** A suitable aluminum, brick, stone or wood edging should be provided for a tidy finish.This specification is based on normal good practice for flexible surfacing and does not absolve the specifier from designing a construction suitable for the expected traffic and ground conditions pertaining on a given site. Areas that maybe trafficked by heavy vehicles should have structural layers designed according to DoT requirements. Capping layer may be required if subgrade CBR<2%.

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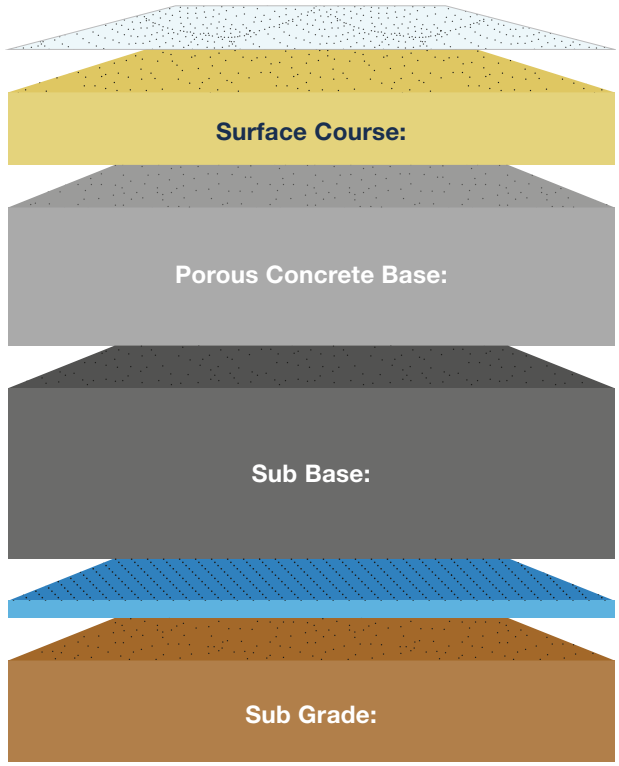
RESIN BOUND SURFACING

CAR PARKS AND ROADWAYS (SuDS)

Typical Base Build Up - Concrete



Laid in well compacted layers to a minimum fall of 1%.

Crushed glass broadcasted onto uncured surface.

The typical depth of DekorGrip Resin Bound surfacing:
6mm DekorGrip Resin Bound @ 18mm Depth
10mm DekorGrip Resin Bound @ 25mm Depth

A 150-200mm depth of 10mm porous (no-fines) concrete base course 4:1 aggregate cement ratio or as specified by the engineer

A 300-500mm depth of well-compacted non-frost susceptible, Type 3 (open graded) sub base to SHW clause 805

Geo-textile membrane to prevent upward migration of fine soil particles

- **Purpose:** To provide a seamless, porous and flexible roadway.
- **Advantages:** An attractive and durable surface that allows the free flow of air and water as well as remaining easy to clean.
- **Notes:** A suitable aluminum, brick, stone or wood edging should be provided for a tidy finish.This specification is based on normal good practice for flexible surfacing and does not absolve the specifier from designing a construction suitable for the expected traffic and ground conditions pertaining on a given site. Areas that maybe trafficked by heavy vehicles should have structural layers designed according to DoT requirements. Capping layer may be required if subgrade CBR<2%.

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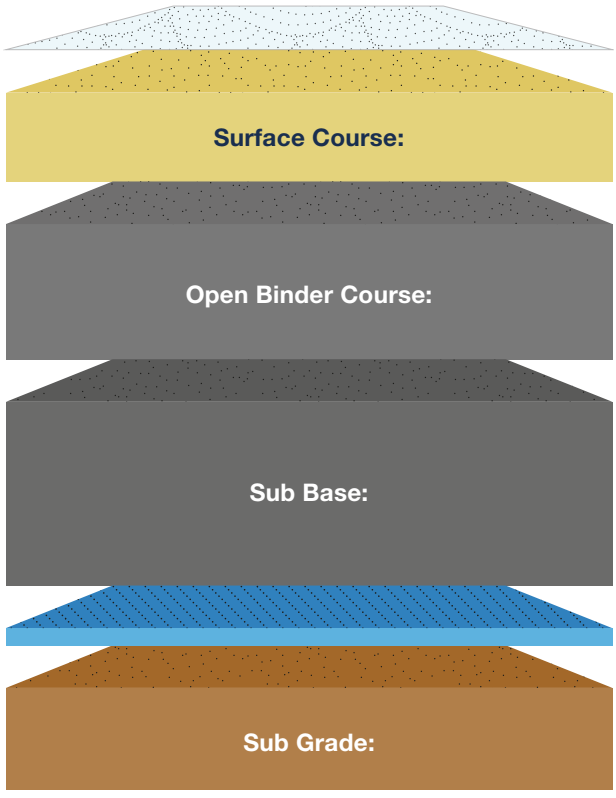
RESIN BOUND SURFACING

PRIVATE DRIVEWAYS

Typical Base Build Up - Asphalt



Laid in well compacted layers to a minimum fall of 1%.

Crushed glass broadcasted onto uncured surface.

The typical depth of DekorGrip Resin Bound surfacing:
6mm DekorGrip Resin Bound @ 18mm Depth
10mm DekorGrip Resin Bound @ 25mm Depth

A 70mm Depth of 10mm Porous Open Graded Surface course asphalt, max 150 Pen to BS EN 13108-1: 2006

A 175mm depth of well compacted non-frost susceptible Type 3 (open graded) sub base to SHW clause 805

Geo-textile membrane to prevent upward migration of fine soil particles

- **Purpose:** To provide a seamless, porous and flexible driveway.
- **Advantages:** An attractive and durable surface that allows the free flow of air and water as well as remaining easy to clean.
- **Notes:** A suitable aluminum, brick, stone or wood edging should be provided for a tidy finish.
  Straight drives with no vehicular turning, or only small areas, can be reduced to 16mm depth of 6mm DekorGrip resin bound.
  This specification is based on normal good practice for flexible surfacing and does not absolve the specifier from designing a construction suitable for the expected traffic and ground conditions pertaining on a given site condition, and a capping layer may be required if sub-grade CBR<2%.

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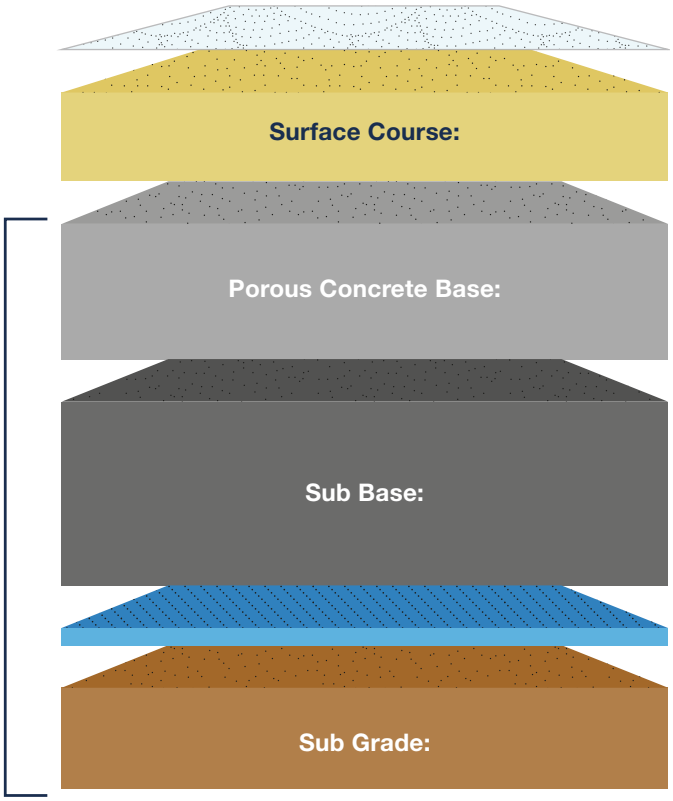
RESIN BOUND SURFACING

PRIVATE DRIVEWAYS

Typical Base Build Up - Concrete



Laid in well compacted layers to a minimum fall of 1%.

Crushed glass broadcasted onto uncured surface.

The typical depth of DekorGrip Resin Bound surfacing:
6mm DekorGrip Resin Bound @ 18mm Depth
10mm DekorGrip Resin Bound @ 25mm Depth

A 100-150mm depth of 10mm porous (no-fines) concrete base course 4:1 aggregate cement ratio or as specified by the engineer

A 175mm depth of well compacted non-frost susceptible Type 3 (open graded) sub base to SHW clause 805

Geo-textile membrane to prevent upward migration of fine soil particles

- **Purpose:** To provide a seamless, porous and flexible driveway.
- **Advantages:** An attractive and durable surface that allows the free flow of air and water as well as remaining easy to clean.
- **Notes:** A suitable aluminum, brick, stone or wood edging should be provided for a tidy finish.
  Straight drives with no vehicular turning, or only small areas, can be reduced to 16mm depth of 6mm DekorGrip resin bound.
  This specification is based on normal good practice for flexible surfacing and does not absolve the specifier from designing a construction suitable for the expected traffic and ground conditions pertaining on a given site condition, and a capping layer may be required if sub-grade CBR<2%.

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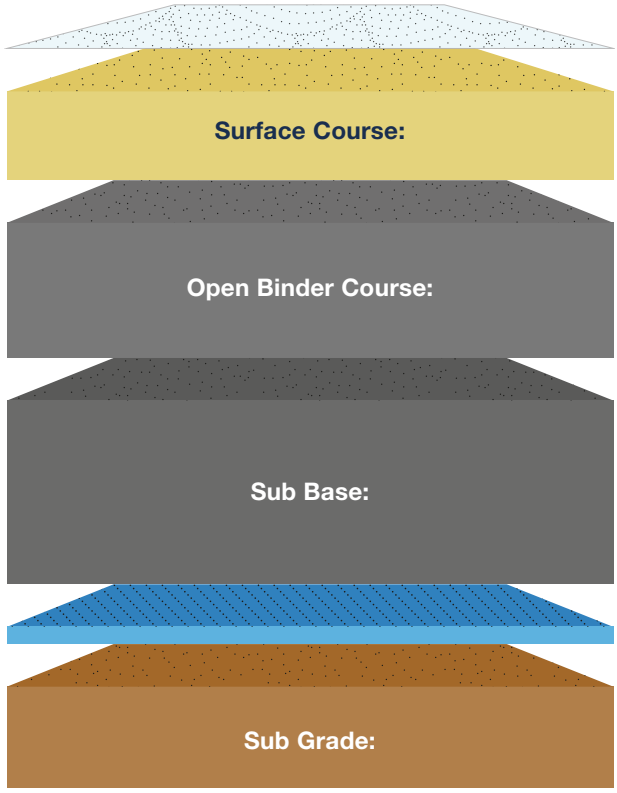
RESIN BOUND SURFACING

PEDESTRIAN AREAS

Typical Base Build Up - Asphalt



Laid in well compacted layers to a minimum fall of 1%.

Crushed glass broadcasted onto uncured surface.

The typical depth of DekorGrip Resin Bound surfacing:
6mm DekorGrip Resin Bound @ 16mm Depth
10mm DekorGrip Resin Bound @ 22mm Depth

A 60mm depth of 10mm open graded surface course asphalt, max 150 Pen to BS EN 13108-1: 2006

A 100mm minimium depth of well compacted non-frost susceptible Type 3 (open graded) sub base to SHW clause 805

Geo-textile membrane to prevent upward migration of fine soil particles

- **Purpose:** To provide an attractive durable, permeable and seamless natural stone or gravel finish.
- **Advantages:** An attractive and durable surface that allows the free flow of water and is easy to clean.
- **Notes:** A suitable aluminium, brick, stone or wood edging should be provided for a tidy finish. This specification is based on normal good practice for flexible surfacing and does not absolve the specifier from designing a construction suitable for the expected traffic and ground conditions pertaining on a given site.

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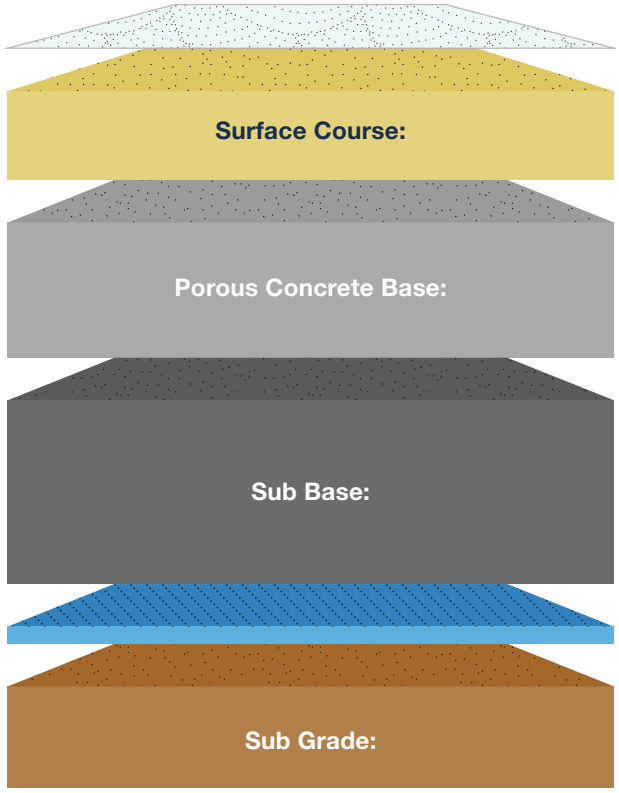
RESIN BOUND SURFACING

PEDESTRIAN AREAS

Typical Base Build Up - Concrete



Laid in well compacted layers to a minimum fall of 1%.

Crushed glass broadcasted onto uncured surface.

The typical depth of DekorGrip Resin Bound surfacing:
6mm DekorGrip Resin Bound @ 16mm Depth
10mm DekorGrip Resin Bound @ 22mm Depth

A 75-100mm depth of 10mm porous (no-fines) concrete base course 4:1 aggregate cement ratio or as specified by the engineer

A 100mm minimium depth of well compacted non-frost susceptible Type 3 (open graded) sub base to SHW clause 805

Geo-textile membrane to prevent upward migration of fine soil particles

- **Purpose:** To provide an attractive durable, permeable and seamless natural stone or gravel finish.
- **Advantages:** An attractive and durable surface that allows the free flow of water and is easy to clean.
- **Notes:** A suitable aluminium, brick, stone or wood edging should be provided for a tidy finish. This specification is based on normal good practice for flexible surfacing and does not absolve the specifier from designing a construction suitable for the expected traffic and ground conditions pertaining on a given site.

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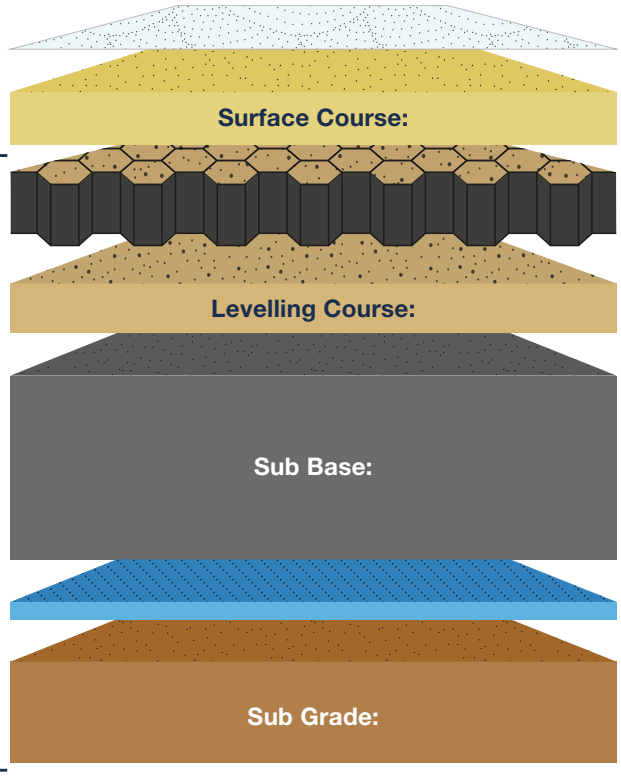
RESIN BOUND SURFACING

DRIVEWAYS AND PEDESTRIAN AREAS

Typical Base Build Up - EcoGrid



Laid in well compacted layers to a minimum fall of 1%.

Crushed glass broadcasted onto uncured surface.

The typical depth of DekorGrip Resin Bound surfacing: 6mm DekorGrip Resin Bound @ 20mm Depth

30-50mm **EcoGrid** - Filled with well compacted 10mm corse aggregate to BSEN 13242 PD 6682-D

20mm of 10mm corse aggregate to BSEN 13242 PD 6682-D

A 150-300mm minimium depth of well compacted non-frost susceptible Type 3 (open graded) sub base to SHW clause 805

Geo-textile membrane to prevent upward migration of fine soil particles

- **Purpose:** To provide an attractive durable, permeable and seamless natural stone or gravel finish.
- **Advantages:** An attractive and durable surface that allows the free flow of water and is easy to clean.
- **Notes:** EcoGrid rubber edging could be used, or alternatively a suitable aluminium, brick, stone or wood edging should be provided for a tidy finish. This specification is based on normal good practice for flexible surfacing and does not absolve the specifier from designing a construction suitable for the expected traffic and ground conditions pertaining on a given site.

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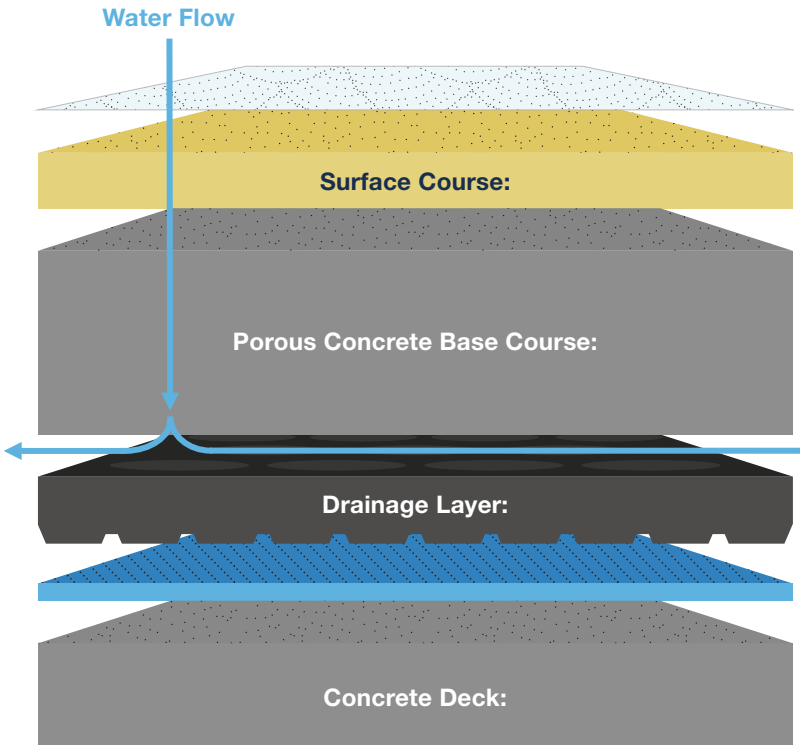
RESIN BOUND SURFACING

PODIUM ROOF DECK

Typical Base Build Up



Crushed glass broadcasted onto uncured surface.

The typical depth of DekorGrip Resin Bound surfacing for pedestrian use: 6mm DekorBound @ 16mm depth

A 100mm depth of 10mm porous (no-fines) concrete base course 4:1 aggregate cement ratio or as specified by the engineer.

20mm Hydroflow HP cuspated HDPE drainage membrane installed to manufacturers recommendations

Waterproof Membrane

- **Purpose:** To provide a seamless, porous, flexible, durable and also beautiful surface.
- **Advantages:** An attractive and durable surface that allows the free flow of air and water as well as remaining easy to clean and maintain.
- **Notes:** It is strongly advised that all movement/expansion joints in the concrete should be extended up to the surface of DekorGrip, to reduce the risk of reflective cracking. Full details on cuspated membrane can be forwarded upon request.