



# **DEKORGRIP RESIN BOUND**



# **BASE BUILD UP SPECIFICATIONS**

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# **CAR PARKS AND ROADWAYS (SuDS)**

FOR ASPHALT



# DEKORGRIP RESIN BOUND - TYPICAL BASE BUILD UP

SURFACE COURSE: **OPEN BINDER COURSE:** Laid in well compacted **ROAD BASE:** layers to a **SUB BASE:** SUB GRADE:

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:**

minimum fall of 1%.

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%.

Revision Date: 19/04/2017

# CAR PARKS AND ROADWAYS (SuDS)

FOR CONCRETE



# DEKORGRIP RESIN BOUND - TYPICAL BASE BUILD UP

**SURFACE COURSE: POROUS CONCRETE BASE:** Laid in well compacted layers to a **SUB BASE: SUB GRADE:** 

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:**

minimum

fall of 1%.

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:**

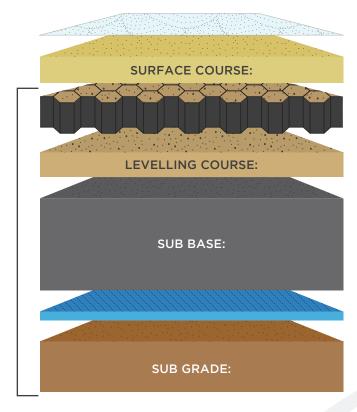
A suitable aluminum, brick, stone or wood edging should be provided for a tidy finish. This specification is based on normal good practice for flexible surfacing and does not absolve the specifier from designing a construction suitable for the expected traffic and ground conditions pertaining on a given 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%.

# **DRIVEWAYS AND PEDESTRIAN AREAS**

WITH ECOGRID SYSTEM



# DEKORGRIP RESIN BOUND - TYPICAL BASE BUILD UP



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 coarse aggregate to BSEN 13242 PD 6682-D

20mm of 10mm coarse 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

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

### **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. No requirement for asphalt or concrete sub base when using EcoGrid.

### 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.

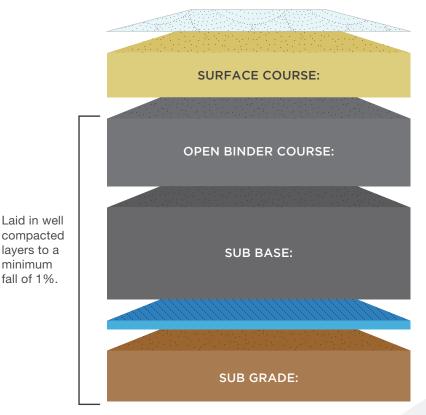


# PEDESTRIAN AREAS

**FOR ASPHALT** 



# DEKORGRIP RESIN BOUND - TYPICAL BASE BUILD UP



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:**

minimum fall of 1%.

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.

# PEDESTRIAN AREAS

## FOR CONCRETE



# DEKORGRIP RESIN BOUND - TYPICAL BASE BUILD UP

SURFACE COURSE: **POROUS CONCRETE BASE:** Laid in well compacted **SUB BASE: SUB GRADE:** 

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:**

layers to a

minimum

fall of 1%.

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. 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. 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.

# PRIVATE DRIVEWAYS

**FOR ASPHALT** 



# DEKORGRIP RESIN BOUND - TYPICAL BASE BUILD UP

SURFACE COURSE:

OPEN BINDER COURSE:

SUB BASE:

SUB GRADE:

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:

Laid in well compacted

layers to a

minimum fall of 1%.

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%.

# PRIVATE DRIVEWAYS

# FOR CONCRETE



# DEKORGRIP RESIN BOUND - TYPICAL BASE BUILD UP

**SURFACE COURSE:** POROUS CONCRETE BASE: Laid in well compacted **SUB BASE: SUB GRADE:** 

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:

layers to a

minimum fall of 1%.

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.

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.

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%.

# PODIUM ROOF DECK

WITH DRAINAGE LAYER



# DEKORGRIP RESIN BOUND - TYPICAL BASE BUILD UP

# SURFACE COURSE: POROUS CONCRETE BASE COURSE: DRAINAGE LAYER:

**CONCRETE DECK:** 

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.

### WATER FLOW

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:

A suitable aluminum, brick, stone or wood edging should be provided for a tidy finish. 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.

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.





### BASE BUILD UP SPECIFICATION

### **DISCLAIMER:**

THE DETAILS GIVEN IN THIS SPECIFICATION ARE INTENDED ONLY AS A GUIDE IN SPECIFYING MEON DEKORGRIP PRODUCTS ONLY, ACTUAL DETAILS SHOULD BE DEVELOPED BY THE PROJECT DESIGNERS TAKING INTO ACCOUNT THE SPECIFIC CIRCUMSTANCES OF THE INTENDED APPLICATION.

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