

HEAVY DUTY ASPHALT PAINT

AREAS OF USE

- Traffic routes and pedestrian walkways
- Colour coding and highlighting hazardous areas
- Private car parks
- Playgrounds
- Tennis courts
- Driveways



FEATURES

- Heavy duty, flexible water based acrylic – quick and easy to use
- Transforms, dull, drab asphalt and tarmac
- Excellent resistance to UV and weathering
- Colours, protects and waterproofs with just one coat
- High pigment level offers excellent hiding power
- Can be applied to damp surfaces
- Breathable
- Virtually solvent free and odourless – safe to use inside as well as outside
- Suitable for both asphalt and concrete
- Superior performance demonstrated by ISO testing to CE Mark EN1504-2

DESCRIPTION

Watco Heavy Duty Asphalt Paint is based on a unique formulation which provides superior wear performance for this type of water based coating. It is ideal for use in heavier wear areas where most water based paints would fail.

It quickly transforms and brightens up asphalt, whilst offering a high level of abrasion resistance, with just one high build application. Our unique formulation creates a flexible, waterproofing coating that's most suited for use in office car parks, driveways, tennis courts, playgrounds and warehouses.

Highlight hazards, mark out parking bays and pedestrian areas and use with Watco Stencils. It has excellent UV resistance which helps protect against fading.

Watco Heavy Duty Asphalt Paint can be used for main traffic areas, and Watco Asphalt Paint used more economically for lighter traffic areas (colour shades of both products are similar). For heavily trafficked private car parks, or for 'turning circles', see Watco Heavy Duty Anti Slip Traffic Paint.

Heavy Duty Asphalt Paint carries CE Mark EN 1504-2 and has impressive test results for hardness, abrasion, adhesion, impact and flexibility. It's virtually solvent free and has an A+ VOC emissions rating.

SPECIFICATION

Composition	Water based acrylic.
Number of Components	1
Finish	Coloured, matt, smooth.
Primer Required	Not usually. See 'Priming' overleaf.
Number of Coats	1
Dry Film Thickness	140 microns.
Wet Film Thickness	200 microns.
Usage Interior/ Exterior	Interior & exterior.
Application Tools	Medium pile roller. Cut in using a brush.
Minimum Application Temperature	Air temperature 15°C Floor temperature 10°C
Suitable For	Asphalt, tarmac, concrete, brick, masonry and similar porous surfaces. The moisture content of concrete should be less than 75% RH.
Pack Size	5L
Coverage	20-30m ² depending on the texture of the substrate. The coverage rate does not allow for filling the crevices and texture of a tarmac or asphalt surface. Using the product in this way will greatly reduce coverage and extend drying time.
Cleaning Tools	Water

Shelf Life	24 months in unopened container.
Cleaning	Mild, neutral detergent – Watco Protect is ideal.
Storage	Between 15°C-25°C for at least 8 hours prior to use. Do not allow to freeze.
Principle Limitations	Watco Heavy Duty Asphalt Paint is intended as a decorative finish only, and will not bind or fill weak or defective asphalt surfaces. Do not apply in areas which will be constantly under water. Please refer to Watco Heavy Duty Anti Slip Traffic Paint where slip resistance is required. Do not apply too thickly. If the crevices and texture of the asphalt are filled with paint, this can prevent water draining which may result in a slip hazard. This coating is suitable for private or small communal car parks and is not recommended for large public car parks. Do not apply to Mastic Asphalt.

Samples are available on request.

While great care is taken with the colour samples shown, no guarantee can be given that they represent exactly the colours offered.

DRYING TIME	Recoat Time	Touch Dry	Light Traffic	Heavy Traffic
10°C	16 hours	8 hours	48 hours	72 hours
20°C	6 hours	4 hours	24 hours	48 hours
30°C	3 hours	2 hours	12 hours	24 hours

Light Traffic: Foot
Heavy Traffic: Cars, trolley, pallet truck

COLOURS



TEST RESULTS

<p>Abrasion Resistance ISO 5470-1 191mg</p>	<p>Abrasion Resistance ISO 5470-1 Taber test method expresses results in mg on a scale between 0mg (highest resistance) and 3000mg (lowest). A reading below 3000mg is a CE mark pass.</p>	<p>3000mg → 0mg Lowest → Highest</p>	<p>Wolff-Wilborn Hardness Test 7H</p>	<p>Wolff-Wilborn Hardness Test Also known as the 'pencil test', a 9H reading is the measure of a hardest coating, HB is the softest.</p>	<p>HB → 9H Least Hard → Hardest</p>
<p>Impact Resistance ISO 6272 CLASS 3</p>	<p>Impact Resistance ISO 6272 Impact is expressed as Newton metres. Greater than 4 Nm is a CE mark pass.</p>	<p>Class 1 >4Nm Class 2 >10Nm Class 3 >20Nm</p>	<p>Flexibility ISO 1519 2mm</p>	<p>Flexibility ISO 1519 Flexibility is measured using a Mandral Flex Tester, 2mm is the most flexible, 36mm the least.</p>	<p>36mm → 2mm Lowest → Highest</p>
<p>Scratch Resistance ISO 4586-2 8N</p>	<p>Scratch Resistance ISO 4586-2 Scratch resistance is measured using a Sclerometer and the resistance is measured in Newtons. 1N is the lowest resistance, 20N the highest.</p>	<p>1N → 20N Lowest → Highest</p>	<p>Gloss Value 4</p>	<p>Gloss Value Rating is a 'Gloss Unit' measured on an Optical Glossmeter.</p>	<p>Matt 0-10%, Low Sheen 10-25%, Eggshell 26-40%, Semi-Gloss 41-69%, Gloss 70-85%, High Gloss +85%</p>
<p>Adhesion Test ISO 2409 CLASS 0</p>	<p>Adhesion Test ISO 2409 Cross-Cut Test method. Class 0 is highest adhesion, Class 5 is lowest.</p>	<p>Class: 5 → 4 → 3 → 2 → 1 → 0 Lowest → Highest</p>	<p>Water Permeability EN 1062-3 W₃</p>	<p>Water Permeability EN 1062-3 To achieve a CE mark, the measurement must be less than 0.1 kg/m²(24 h)^{0.5}</p>	<p>CE Marking Critical Value: < 0.1kg/m²/(24 h)^{0.5} W₁ → W₂ → W₃ Lowest → Highest</p>
<p>Adhesion Test EN 1542 4.0 MPa/Nmm²</p>	<p>Adhesion Test EN 1542 Adhesion is expressed in MegaPascals (MPa) or Newton millimetres squared (Nmm²). Greater than 2 MPa is a CE mark pass.</p>	<p>>2MPa (Nmm²) = test pass</p>			

STANDARD COMPLIANCE

<p>EN 1504-2 CE</p>	<p>EN 1504-2 This mark indicates that a coating has passed all the tests required to carry a CE mark.</p>	<p>BREEAM COMPLIANT</p>	<p>BREEAM COMPLIANT</p>	<p>VOC LEVEL 10g/Litre VERY LOW</p>	<p>VOC LEVEL</p>	<p>ISO 16000 A+</p>	<p>ISO 16000 The 'Loi Grenelle' measurement of the effect of a product's VOC level within a building. A+ is the top safety rating.</p>	<p>REACH COMPLIANT</p>	<p>REACH COMPLIANT</p>
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SURFACE PREPARATION:

New asphalt & tarmac – should be sound and at least 3 months old. If any residual oils remain, the surface should be washed using Watco Concroff.

Existing bare asphalt & tarmac – remove any grease or oil deposits using Watco Concroff.

Painted surfaces – abrade to remove any weak or loose paint. Check remaining paint is well bonded. Very smooth, glossy paint should be lightly abraded to provide a key. Watco Bio D can be used to remove grease and oil from painted surfaces.

Bare concrete – remove surface laitance, dust and any light dirt or grease deposits using Watco Etch & Clean. Watco Etch & Clean also etches smooth, bare concrete surfaces to provide a key. Flush with clean water and allow surface to dry. For the removal of heavier deposits of oil and grease we recommend Watco Concroff, again, flush with clean water and allow the surface to dry.

New concrete – as a guide, new concrete should be left for four weeks to dry in the summer and six in the winter. The surface should then be prepared using Watco Etch & Clean and thoroughly rinsed away and left to dry prior to applying this coating.

Damp surfaces – this coating can be applied to residual damp which may remain after cleaning, but not where there is rising damp.

Priming – one coat is generally sufficient. On very porous or open textured surfaces, two coats may be required. The first coat will act as a 'priming coat' and may be diluted with up to 10% water to assist with application.

APPLICATION: The paint should be thoroughly stirred and should not be thinned, however in very hot weather, (25°C+); up to 10% water may be added to make application easier. Tip into a shallow roller tray, apply by roller and work well into the surface. It can be applied by brush but this may result in reduced coverage. Avoid applying the paint too thickly as this encourages water to puddle on the surface and as such may become slippery. If a second coat is required, apply it as soon as the first coat is dry (generally 6 hours), and within 5 days of applying the first coat. If more than 5 days elapse, the first coat should be lightly abraded before the second coat is applied. Avoid washing the surface for 7 days.

SAFETY: Material Safety Data Sheets are available.

ORDERING: Available direct from Watco UK Limited and through agents worldwide. All Watco products are sold subject to the Company's Standard Conditions of Sale. The Company and its representatives are often asked to comment on potential uses of Watco products which differ from those described in the Company's data sheets. Whilst in such cases the Company and its representatives will always try to offer helpful and constructive advice, the Company cannot be held responsible for the results of such uses unless they are specifically confirmed in writing by Watco.



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