Watco has developed this one coat, high build, virtually solvent free, epoxy resin bund sealer which seals and protects bunded areas against spillages of water, oil, petrol and diesel.

This advanced formulation contains glass flake reinforcement which provides excellent resistance against chemical attack. Watco Bund Sealer cures to form a hard surface film which withstands heavy traffic.

One thick brush applied coat is generally sufficient, although two coats can be applied to porous, open textured surfaces or to achieve a watertight seal over wider cracks and joints. Vulnerable cracks and joints, such as between the wall and floor, can also be further strengthened using Watco Fibreglass Reinforcing Tape.

Watco Bund Sealer is suitable for use both indoors and outdoors and will cure at temperatures as low as 5°C. Watco Bund Sealer carries CE Mark EN1504-2 and has excellent test results for chemical resistance. It also has an A+ VOC emissions rating with a low level of VOC.



Colours





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.

Black

Need help? Speak to the experts

Our dedicated and professional team are here to help you get the best results for your project. They will talk you through the preparation and application stages when using Bund Sealer.

Call our expert team on: 01483 418 418

(Weekdays 8:00am - 5:30pm. Saturday 9:00am - 12:00pm)















Areas of use:

- · Chemical & oil storage and bund areas
- Plant rooms
- Floors, walls and upstands/skirting
- Indoors and outdoors

Features:

- One coat, high build, epoxy resin bund sealer
- · Forms a waterproof barrier to seal and protect against oil, petrol, diesel and chemical spillages
- Can be used with Watco Fibreglass Reinforcing Tape to fill cracks and joints between the bund wall and the floor to prevent leaks
- Withstands heavy traffic
- Contains glass flake reinforcement for even greater resistance to chemical attack
- · Provides excellent protection to metal tanks and pipes
- Helps comply with The Control of Pollution (Oil Storage) Regulation
- Can be applied at temperatures as low as 5°C
- Virtually solvent free suitable for confined spaces
- Superior performance demonstrated by ISO testing to CE Mark EN1504-2

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Watco





1 Surface Preparation

Bare blockwork, brick and concrete – ensure surfaces are clean, dry and dust free. Usually a good sweep with a stiff broom or brush is sufficient. Any grease or oil contamination should be removed using Watco Concroff. For larger areas of bare concrete, Watco Etch & Clean can be used to remove weak cement deposits.

New concrete – as a guide, new concrete should be left for eight weeks to dry.

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. Watco Concroff is a very powerful degreaser for contaminated bare concrete (do not use on a previously painted surface since it can soften paint). Priming – is not usually required, but for open textured, or very porous high suction surfaces, such as sand and cement screed or porous bricks or blocks, a second coat may be required.

Minor cracks/joints – such as between the wall and floor can be strengthened by using Watco Fibreglass Reinforcing Tape. Push the tape firmly into place on top of the wet Bund Sealer so that the crack or joint runs down the centre of the tape. Push the tape onto the layer of Bund Sealer using a brush loaded with more Bund Sealer. Work the tape into the corners, joint and angles, ensuring good contact with the surface at all joints. If a join is required, overlap the tape by at least 50mm and work in as above. Allow to harden and apply more Bund Sealer over the rest of the bund or area to be sealed.

Large cracks/joints - will need repairing prior to applying Bund Sealer. Please contact our Technical Department for advice.

2 Mixing

Remove the two inner tins from the tall outer tin. Stir the contents of each tin thoroughly and pour all of the contents into the outer tin (scrape around the inside of the tins to remove any residue). Mix the components together thoroughly using a spatula or similar wide bladed tool (a piece of wooden batten is ideal) and do not thin. Continue mixing until an even consistency is obtained. Do not mix more than one pack at a time. If a paint stirrer fitted to an electric drill is used, also use the spatula to blend in any unmixed material from the sides and bottom of the tin.

3 Application

Important – once the contents of the pack have been mixed, a chemical reaction takes place which creates heat, and the product should therefore be decanted in to a paint tray or bucket and decanted in to a paint tray or bucket and used immediately. Best results are obtained in warm (minimum of 15°C), dry conditions with good ventilation. Apply one thick coat with a paint brush working well into the surface. Do not exceed the maximum coverage of 14m² per 4 litre pack. Do not wash or allow water to lie on the surface for at least 7 days.

4 Safety

Material Safety Data Sheets are available.

5 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.



Specification	
Composition	Glass reinforced, high solids, epoxy resin.
Number of Components	2
Finish	Smooth and glossy.
Primer Required	No.
Number of Coats	1
Dry Film Thickness	300 microns.
Wet Film Thickness	300 microns.
Usage Interior/Exterior	Interior & exterior.
Application Tools	Paint brush.
Minimum Application Temperature	Air Temperature 10°C. Floor Temperature 5°C.
Suitable For	Bricks, blockwork, concrete, sand and cement, asphalt and small areas of metal. The moisture content of concrete should be less than 75% RH.
Pack Size	4L
Coverage	14m ²
Pot Life	25 mins @ 20°C.
Mix Ratio (by weight)	100 parts resin : 36 parts curing agent.
Cleaning Tools	It is not practical to clean applicators and they should be discarded after use.
Shelf Life	24 months in unopened container.
Cleaning	Watco Bio-D.
Storage	Between 15°C-25°C for at least 8 hours prior to use. Do not allow to freeze.
Principle Limitations Please contact us regarding	Do not apply to a wet surface or areas subject to rising damp. Do not apply to areas subject to movement such as structural movement or around vibrating machinery.

applications not described here.

Curing Time

	Recoat Time	Touch Dry	Light Traffic	Heavy Traffic	Full Chemical Resistance
5°C	36 hours	24 hours	48 hours	72 hours	14 days
10°C	16 hours	12 hours	24 hours	48 hours	7 days
20°C	10 hours	6 hours	12 hours	24 hours	7 days

Light Traffic: Foot, trolley, pallet truck, occasional forklift

Heavy Traffic: Regular forklift, heavy footfall, parked vehicles

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Test Results

ABRASION RESISTANCE ISO 5470-1 185mg	Abrasion Resistance ISO 5470-1 Taber test method expresses results in mg on a scale between Omg (highest resistance) and 3000mg (lowest). A reading below 3000mg is a CE mark pass.	3000mg — Lowest —► Hi	→ Omg ghest	FLEX ISO 1519 20mm	Flexibility ISO 1519 Flexibility is me using a Mandra Tester, 2mm is flexible, 36mm	easured al Flex the most the least.	36mm — Lowest –	———— 2mm ——— Highest
IMPACT RESISTANCE ISO 6272 CLASS 1	Impact Resistance ISO 6272 Impact is expressed as Newton metres. Greater than 4 Nm is a CE mark pass.	Class 1 >4Nm Class 2 >10Nm Class 3 >20Nm		GLOSS VALUE 96	Gloss Value Rating is a 'Glo measured on a Optical Glossm	ss Unit' n leter.	Matt 0-10 Low Shee Eggshell Semi-Glo 70-85%, I)%, en 10-25%, 26-40%, Iss 41-69%, Gloss High Gloss +85%
SCRATCH RESISTANCE ISO4 586-2 6N	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.	1N ——— Lowest ———	— → 20N — → Highest	HARDNESS 9H	Wolff-Wilbor Hardness Te Also known as test', a 9H read measure of a h coating, HB is t	n st the 'pencil ing is the ardest he softest.	HB ——— Least Ha	rd — → 9H Hardest
ADHESION ISO 2409 CLASS 3	Adhesion Test ISO 2409 Cross-Cut Test method. Class 0 is highest adhesion, Class 5 is lowest.	Class: 5 -→ 4 -→ 3 -→ Lowest	2 -→ 1 -→ 0 Highest	WATER PERMEABILITY EN 1062-3 W ₃	Water Perme EN 1062-3 To achieve a Cl measurement less than 0.1 kg h)0.5	eability E mark, the must be J/m2(24	CE Marki < 0.1kg/m W ₁ Lowest –	ng Critical Value: $h^2/(24 h)0.5$ $\longrightarrow W_2 \longrightarrow W_3$ \longrightarrow Highest
ADHESION EN 1542 4.5MPa /Nmm ²	Adhesion Test EN 1542 Adhesion is expressed in MegaPascals(MPa or Newton millimetres squared(Nmm2). Greater than 2 MPa is a CE mark pass.	>2MPa (Nmm²) = test pass		SUPRESISTANCE BS7976-2 31 PTV	Slip Resistar BS7976-2 The Pendulum (PTV) is measu conditions. A number abov indicates a 'low slip potential'.	Test Value Ired in wet re 36		
ĊHEMICAL RESISTANCE EXCELLENT	Chemical Resistance Results shown, in the table below, are for tests with commonly used chemicals based on a 72 hour period of attack. Advice can be given for chemicals not listed here.							
Best long ter resistance	n			Good long term resistance		Some atta limited res only	ick, sistance	Not resistance
Oxalic Acid 10 Tartaric Acid 2	 Low Aromatic O% Odourless Ker 	White Spirit	Ethanol Ester Alcohol	Nitric Acid 20% Sulphuric Acid	Ethyl Methyl Ketone	Acetic Acic Phosphoric	l 20% c Acid 20%	Xylene Benzyl Alcohol

Sugar Solution 50%

White Spirit

Mineral Oil

Sodium Hypochlorite 15% Sodium Chloride Solution 50%

Calcium Hydroxide 50%

Sodium Hydroxide 50%

Butoxyethanol

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Anti-Freeze

Acetone

Brine

Bleach

20%

Hydrochloric

Ammonia 20%

Naphtha C9

Acid 15%

Detergent

Skydrol

Petrol

Diesel

Lactic Acid 10%

Solvent based paint

stripper



Standard Compliance



This mark indicates that a coating has passed all the testsrequired to carry a CE mark.

EN 1504-2



BREEAM COMPLIANT (for 30g/Litre refurbisment) LOW VOC LEVEL



The 'Loi Grenelle' measurement of the effect of a product's VOC level within a building. A+ is the top safety rating.

ISO 16000

REACH COMPLIANT