

Outdoor wet pour

Outdoor wet pour components and systems that deliver safe and stunning playground surfaces which are water permeable and incredibly durable.

System description

Installed as either a single or two-layer system, using CONICA's SBR and EPDM bound with a specially formulated, single part, moisture curing polyurethane CONICA binder. It is suitable for installation directly to concrete, asphalt, compacted stone sub-bases and existing surfaces.



Fields of application

CONICA's outdoor wet pour is the perfect choice for any play area. Whether it's in a playground, school or rehabilitation area.

Benefits:

- Simple to install
- Low maintenance
- Easy to clean
- EN1177-2018 HIC certified
- UV resistant
- BS 7188 certified
- EN13501-1 certified (Bfl-s1)
- Water permeable

Technical Data

Technical Data								
Specification	Thickness (mm) SBR + EPDM	CFH (m)	SBR (CT4010) per m ²	SBR binder per m ² (kgs)	Coloured EPDM per m ²	Coloured EPDM binder per m ² (kgs)	Black EPDM per m ²	Black EPDM binder per m ² (kgs)
	20	0.70	0	0	18.7	3.3	14.7	3.2
	40 (25+15)	1.20	14	1.1	14	2.5	11	2.4
	50 (35+15)	1.42	19	1.4	14	2.5	11	2.4
	60 (45+15)	1.64	25	1.9	14	2.5	11	2.4
	70 (55+15)	1.82	30	2.3	14	2.5	11	2.4
	80 (65+15)	2.06	36	2.5	14	2.5	11	2.4
	90 (75+15)	2.33	41	3.1	14	2.5	11	2.4
	100 (85+15)	2.55	47	3.5	14	2.5	11	2.4
	110 (95+15)	2.66	52	3.9	14	2.5	11	2.4
	120 (105+15)	2.80	58	4.4	14	2.5	11	2.4
	130 (115+15)	2.93	63	4.7	14	2.5	11	2.4
140 (125+15)	>3.0	68	5.1	14	2.5	11	2.4	
Test Certificates	Test certificates can be requested from CONICA Customer Services and are only applicable where ALL the constituent components have been purchased directly from CONICA and the surfacing has been mixed and installed according to CONICA instructions.							
	To achieve a fire classification Bfl-s1, fire rated B1 EPDM must be used . If standard EPDM is used, a classification Dfl will be achieved.							
	If in doubt, or you require any additional information, please contact uktechnical@conica.com or CONICA customer services.							
Stability and ecology	Please refer to our technical bulletin on the use of recycled black rubbers.							
Above figures are guide values and should not be used as a basis for specifications								

Application Methods

Bound system

The materials must be bound with an approved CONICA polyurethane binder in accordance with manufacturer's instructions.

The system utilises 4-10mm SBR granules (CT4010) for the impact absorbing base layer, installed at varying thicknesses, and a top layer of EPDM, installed at 15mm.

Additionally, as the base layer will not be exposed to UV light, it should be installed using our CONIPUR 4020 standard binder, at just 7.5% (binder to SBR weight) or 1.88kg per 25kg bag of CT4010 SBR.

Coloured EPDM should be mixed with binder at a ratio of 18% or 4.50kg per 25kg bag of EPDM. Black recycled EPDM should be mixed with binder at a ratio of 22% or 5.50kg per 25kg bag of EPDM.

If coloured EPDM is being mixed with black EPDM, the binder ratio for black EPDM (22%) should be used.

The materials must be accurately measured and thoroughly mixed in a force action pan mixer for a minimum of 3 minutes before application.

Install the CT4010 SBR base layer to the desired thickness and leave to cure. Once the SBR base has cured, install the EPDM wearing layer (20mm if a single EPDM layer and 15mm if a two-layer system).

For both SBR and EPDM layers, a screed bar should be laid across the screed rails and used to achieve an evenly distributed layer, which can be finished by hand float or a medium, 9.4kg kg roller.

CONICA smoothing agent should be used to lubricate tools.

Following installation, the area needs to be protected until fully cured. Curing periods vary according to climatic conditions and choice of binder type but typically can be between 6 and 24 hours.

Full strength of the surface will not be realised for 3 days after installation so for heavily used areas it is advisable to restrict the use during the first 3 days.

Avoid any installation during periods of rain, in standing puddles of water. Optimal climatic conditions for a standard cure time are between 15°C – 30°C and 50% relative humidity. Working outside of these conditions may affect both the cure time and workability of the binder. When working in temperatures below 5°C, ACCELERATOR 10 or 15 may be used.

Please contact CONICA Ltd. technical services on uktechnical@conica.com for further information.

Pack size

Both CONICA SBR and EPDM comes as standard in 25kg bags. All CONICA binders are available in 25kg kegs and 220kg drums.

Storage

Keep the material dry at all times.

Safety precautions

CONICA Outdoor is non-hazardous in its cured condition. For protective measures, transport regulations and waste management, please refer to the Material Safety Data Sheet.

Standard colours

CONICA's 24 standard EPDM colours/colour blends are available.

High Performance Flooring
Play | Sport | Industrial | Decorative

CONICA Ltd | Jessop Way | Newark | Nottinghamshire | NG24 2ER | Phone: +44 (0) 1636 642 460 | www.conica.co.uk