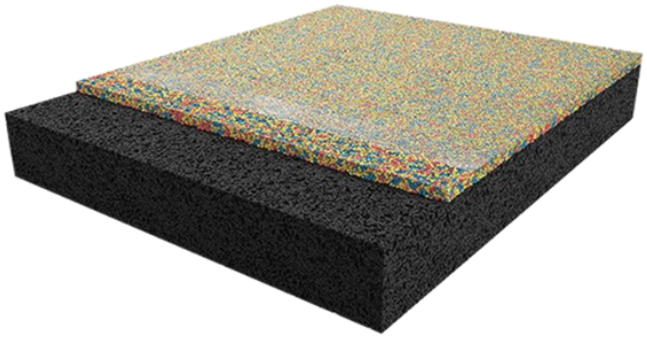
Indoor wet pour

For safe indoor playground surfaces, CONICA Indoor delivers an impermeable, easy to clean and durable surface.

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. To complete the system, a unique clear pore sealer and clear matt finish sealing lacquer is applied which makes the surface completely impermeable.



Fields of application
CONICA's indoor wet pour is the perfect choice for any indoor play area. Whether it's in an airport, shopping centre or indoor soft play area.

Benefits:

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

Technical Data

	Thickness (mm) SBR + EPDM	CFH (m)	SBR (CT4010) per m^2	SBR binder (CP 4020) per m^2 (kgs)	Fire rated B1 EPDM per m^2	EPDM binder (CP4051) per m^2 (kgs)
Specification	20	0.70	0	0	18.5	3.3
	40 (25+15)	1.20	14	1.1	14	2.5
	50 (35+15)	1.42	19	1.4	14	2.5
	60 (45+15)	1.64	25	1.9	14	2.5
	70 (55+15)	1.82	30	2.3	14	2.5
	80 (65+15)	2.06	36	2.5	14	2.5
	90 (75+15)	2.33	41	3.1	14	2.5
	100 (85+15)	2.55	47	3.5	14	2.5
	110 (95+15)	2.66	52	3.9	14	2.5
	120 (105+15)	2.80	58	4.4	14	2.5
	130 (115+15)	2.93	63	4.7	14	2.5
	140 (125+15)	>3.0	68	5.1	14	2.5
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. For Critical Fall Height, internal testing has confirmed that CONICA Outdoor results can be used (as shown above), although once the CP 4480 pore sealer and CP 3202W sealing lacquer has been applied, there is -2% reduction across all thicknesses. CONICA suggests ordering the next thickness up to what you require. For example, if you require surface thickness of 60mm, based on the CONICA Outdoor certificate, then you should consider ordering a surface thickness of 70mm for your project. 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

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 colour stability of the base layer is not important, 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.

The EPDM should be mixed with the binder at a ratio of 18% or 4.50kg per 25kg bag of EPDM.

When installing fire rated B1 EPDM wearing layer, CONIPUR 4051 must be used in order for the system to conform to EN 13501-1.

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.

Using a squeegee. the EPDM surface is then pore sealed using two coats of CONIPUR 4480. The total approximate consumption rate of CONIPUR 4480 is **1.10kg per m^2**. Finally, to ensure an even thickness and distribution, CONICA recommends rolling over the pore sealed surface with a 'tuft roller. Please refer to the Technical Data Sheet for specific information.

Finally, the surface must be sealed and lacquered using CONIPUR 3202W and is applied by using a 'Microtex' roller at an approximate consumption rate of 0.13kg per m^2. Please refer to the Technical Data Sheet for specific information.

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
CONICA SBR, standard and fire rated B1 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 Indoor 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
Fire rated B1 EPDM is subject to a minimum order quantity and extended lead time. There is also a reduced range of colours for this high-performance product. CONICA's 24 standard EPDM colours are also available.