



# VANDEX OS 5

## WATERPROOFING & PROTECTION

Dynamic crack bridging to the highest requirements in civil engineering structures

**Vandex**<sup>®</sup>

**With over 65 years of experience, Vandex has gained worldwide recognition as a technology inventor and a reliable partner in constructive waterproofing.**

Vandex offers a wide assortment of waterproofing, concrete repair and protection solutions for for new construction and existing structures.

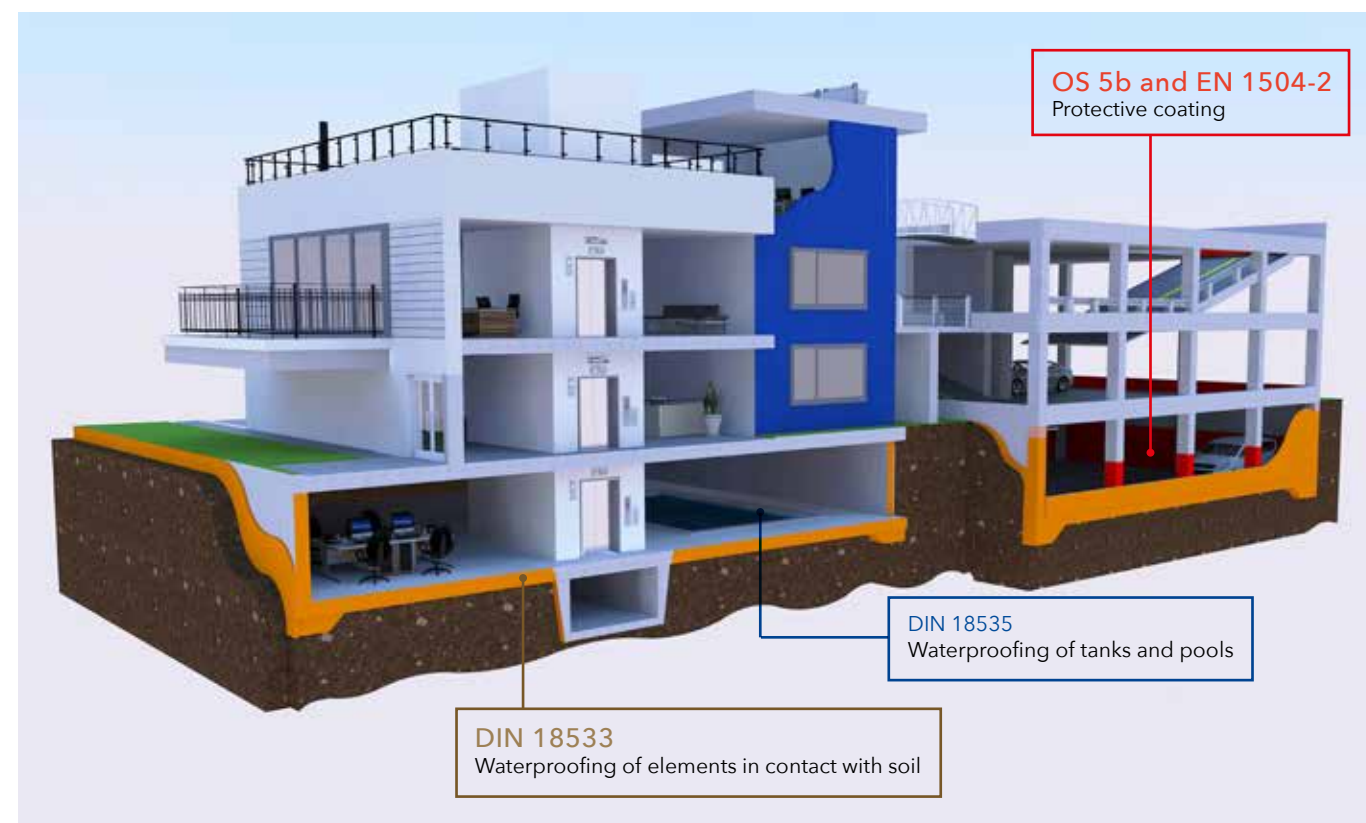
**Vandex OS 5**

With OS 5, Vandex offers the perfect all-round solution for multiple applications. Vandex OS 5 is a 2-component flexible polymer coating that has

been intensely field tested and has the highest possible certifications. This means that OS 5 can be safely applied for different waterproofing and surface protection needs.

It is even suitable for the treatment of cracks and construction joints. There is no need for additional crack or joint treatment.

<p><b>Protective coating</b> according to OS 5b and EN1504-2 CO2 barrier, UV resistance, Chloride barrier</p>	<p><b>Waterproofing</b> according to DIN 18533 / DIN 18535 2.5 bar water pressure</p>
<p><b>Cracks and construction joint treatment for protective coating</b> according to OS 5b and EN1504-2 Dynamic crack bridging (-20 °C) 0.10-0.15 mm after 2000h UV Crack bridging (-20 °C) ≤ 2.0 mm</p>	<p><b>Cracks and construction joint treatment for waterproofing</b> according to DIN 18533 / DIN 18535 Waterproof at 1.0 mm crack formation up to 2.5 bar water pressure</p>



Application area's include buildings, tanks and structures below ground level, such as concrete protection of non trafficable areas:

- ▶ Pillars and car parks
- ▶ Walls in car parks
- ▶ Channels on roadways
- ▶ Sideboard on bridges
- ▶ Pillars of bridges
- ▶ Tunnels



And waterproofing of:

- ▶ Buildings
- ▶ Concrete structure below ground level
- ▶ Rainwater retention basins
- ▶ Any structure prone to cracking
- ▶ Construction joint secure waterproofing



The flexible and easy solution...

Easy to apply manually or by spray and in all directions; horizontally, vertically and even overhead. Compatible with concrete and masonry, render and plaster.

Applicators who work with OS 5 require lower stock levels and benefit from increased flexibility. Thanks to the easy application and high specialisation, projects benefit from lower lead times and lower cost of failure.

Vandex OS 5 has dynamic crack bridging abilities up to -20°C and thermal compatibility to freeze-thaw attacks and deicing salt immersion.

Requirement	Consumption	Layer thickness
<b>FPD DIN 18533 Part 1 (Waterproofing)</b>		
<b>W1-E</b> Ground moisture and pressureless surface water	3.4 kg/m <sup>2</sup>	2.0 mm
<b>W2.1-E</b> Seepage water and water under hydrostatic pressure	6.8 kg/m <sup>2</sup>	4.0 mm
<b>W3-E</b> Ground moisture and pressureless surface water on earth covered decks	5.1 kg/m <sup>2</sup>	3.0 mm
<b>W4-E</b> Horizontal barrier against rising damp	3.4 kg/m <sup>2</sup>	2.0 mm
<b>FPD DIN 18535 Part 1 W2-B (Waterproofing)</b> Basins and tanks against water pressure from the inside	6.8 kg/m <sup>2</sup>	4.0 mm
<b>Application as OS 5b and EN 1504-2 (Protective coating)</b>	5.5 kg/m <sup>2</sup>	3.0 mm
<b>Waterproof Crack Bridging</b> Dynamic and static cracks	6.8 kg/m <sup>2</sup>	4.0 mm



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