



# FINISHES & MATERIALS

Vantrunk offers a wide selection of Finishes and Materials to suit a project’s loading, corrosion resistance and environmental requirements.

## ENVIRONMENT CATEGORIES

Category	Corrosivity	Typical Environment	
C2	Low	Indoor	<ul style="list-style-type: none"> <li>Unheated spaces with varying temperature and relative humidity. Low frequency of condensation and low pollution, storage, sport halls</li> </ul>
		Outdoor	<ul style="list-style-type: none"> <li>Temperate zone, atmospheric environment with low pollution (SO<sub>2</sub>: &lt; 5 µg/m<sup>3</sup>), e.g. rural areas, small towns</li> <li>Dry or cold zone, atmospheric environment with short time of wetness, e.g. deserts, subarctic areas</li> </ul>
C3	Medium	Indoor	<ul style="list-style-type: none"> <li>Spaces with moderate frequency of condensation and moderate pollution from production process, e.g. food-processing plants, laundries, breweries, dairies</li> </ul>
		Outdoor	<ul style="list-style-type: none"> <li>Temperate zone, atmospheric environment with medium pollution (SO<sub>2</sub>: 5 µg/m<sup>3</sup> to 30 µg/m<sup>3</sup>) or some effect Of chlorides, e.g. urban areas, coastal areas with low deposition Of chlorides</li> <li>Subtropical and tropical zone, atmosphere with low pollution</li> </ul>
C4	High	Indoor	<ul style="list-style-type: none"> <li>Spaces with high frequency Of condensation and high pollution from production process, e.g. industrial processing plants, swimming pools</li> </ul>
		Outdoor	<ul style="list-style-type: none"> <li>Temperate zone, atmospheric environment with high pollution (SO<sub>2</sub>: 30 µg/m<sup>3</sup> to 90 µg/m<sup>3</sup>) or substantial effect Of chlorides, e.g. polluted urban areas, industrial areas, coastal areas without spray Of salt water or, exposure to strong effect of de-icing salts</li> <li>Subtropical and tropical zone, atmosphere with medium pollution</li> </ul>
C5	Very High	Indoor	<ul style="list-style-type: none"> <li>Spaces with very high frequency Of condensation and/or with high pollution from production process, e.g. mines, caverns for industrial purposes, unventilated sheds in subtropical and tropical zones</li> </ul>
		Outdoor	<ul style="list-style-type: none"> <li>Temperate and subtropical zone, atmospheric environment with very high pollution (SO<sub>2</sub>: 90 µg/m<sup>3</sup> to 250 µg/m<sup>3</sup>) and/or significant effect Of chlorides, e.g. industrial areas, coastal areas, sheltered positions on coastline</li> </ul>
CX	Extreme	Indoor	<ul style="list-style-type: none"> <li>Spaces with almost permanent condensation or extensive periods Of exposure to extreme humidity effects and/or with high pollution from production process, e.g. unventilated sheds in humid tropical zones with penetration of outdoor pollution including airborne chlorides and corrosion-stimulating particulate matter</li> </ul>
		Outdoor	<ul style="list-style-type: none"> <li>Subtropical and tropical zone (very high time Of wetness), atmospheric environment with very high SO<sub>2</sub> pollution (higher than 250 µg/m<sup>3</sup>) including accompanying and production factors and/or strong effect of chlorides, e.g. extreme industrial areas, coastal and offshore areas, occasional contact with salt spray</li> </ul>