

Colorcoat® SDP50 Solar Panel Addendum used with solar panel frame modules

This document is an addendum and must be read in conjunction with the Tata Steel Colorcoat® Performance Guarantee TSN2202 issued by Tata Steel IJmuiden B.V., dated 1st October 2022

This addendum forms part of the Colorcoat® Tata Steel Performance Guarantee and provides the additional terms on which the Colorcoat® Tata Steel Performance Guarantee TSN2202 covers Colorcoat® SDP50 used on a roof or wall that has a solar panel installation. Owing to the potentially more aggressive environment created beneath, behind or adjacent to the solar panel array, additional terms and conditions are required to mitigate the increased risks of corrosion and degradation of Colorcoat® SDP50 due to reduced natural wash down.

The inclusion of solar panel installations on a roof or wall is likely to result in unequal colour fade between those areas of the roof exposed to sunlight and natural weathering and those areas of the roof or wall which are shaded by the solar panel array. Such differential fading is normal and to be expected.

If a replacement Colorcoat® Tata Steel Performance Guarantee incorporating this addendum is issued in respect of a retro-fit solar panel installation on a Colorcoat® SDP50 roof or wall then the replacement guarantee will be valid for the unexpired period of the original guarantee or the duration listed in Terms and Condition 6, whichever expires first.

Terms and Conditions

1. The Guarantee applies to Colorcoat® SDP50 when used on a roof or wall on to which solar panels are mounted on a suitable framework supported above and fixed indirectly to the cladding sheets / sandwich panels. The guarantee does not apply to Colorcoat® SDP50 onto which a solar panel system is directly bonded. The Guarantee does not apply to roofs or walls to a which solar panel is installed if the external cladding sheets/panels are not using Colorcoat® SDP50.
2. The solar panel array must be installed such that effective cleaning and maintenance can be undertaken, including any future repair or maintenance which might be required under the Guarantee. Safe access and roof safety systems must be considered and the building Health and Safety file must include details of the design considerations and risk control measures to allow inspection, cleaning and construction work on the building at any time. Specifically, the design of the solar panel units should give adequate regard to the need to clean underneath the solar panel units to remove any build-up of general contamination and debris, which would invalidate the guarantee.

3. In the unlikely event of a claim arising due to failure of any areas of cladding beneath, behind or adjacent to the solar panel array, it will be solely the responsibility of the building owner to provide safe and adequate access to allow Tata Steel to investigate and instigate remedial measures as deemed necessary by Tata Steel. In any case, Tata Steel will not be responsible for removing / replacing solar panels, their mounting brackets / framework or cabling to facilitate repair or replacement of cladding sheets or panels.

4. Areas of cladding affected by the solar panel array should not be considered “maintenance free to maintain the validity of the Tata Steel Colorcoat® performance Guarantee” because they are more likely to accumulate debris and dirt and are less exposed to rainfall. Accordingly, roofing or walls covered by solar panel arrays must be regularly cleaned and accurate records of cleaning must be retained for future reference. The frequency of maintenance / cleaning operations should be commensurate with local environmental conditions.

Particularly harsh environments including (but not limited to) heavy industrial exposure, locations subject to salt deposition and areas affected by leaf litter will inevitably require more rigorous and frequent attention to ensure the ongoing validity of the guarantee. Cleaning and maintenance should be carried out in accordance with Tata Steel’s Inspection and Maintenance brochure which forms an integral part of this guarantee. The guide can be downloaded from www.colorcoat-online.com

5. The Guarantee does not apply to failure or damage caused by or due to any alteration to the Colorcoat® SDP50 product caused by the solar panel array installation including (but not limited to) perforations for mounting brackets, additional fasteners, cabling penetrations and associated sealants.

6. The duration of the Solar Panel Guarantee in conjunction with Colorcoat® SDP50 is:

	C2	C3	C4	C5
Distance from coast	> 20 km	10 - 20km	3-10km	100m - 3km
Guarantee Colorcoat® SDP50 with solar panels (years)	25 / 20*	25 / 20*		X

* zone 1 / zone 2 as described in Colorcoat® Tata Steel Performance Guarantee TSN2202

Technical enquiries:
 E: Connect.Colors@tatasteelurope.com
 W: www.tatasteelurope.com
 Language English 2301