

# PROJECT PROFILE: Keppel Data Centre - SGP 7

## Overview

Keppel Data Centre (KDC SGP 7), located at Genting Lane in Singapore, received the highest green accolade, the *BCA Green Mark Platinum Award*.

Sustainability was a key guiding principle in the design of the KDC SGP 7. The building boasts eco-friendly features such as energy-efficient equipment and technologies that improve the performance of the data hall cooling systems, while reducing water consumption.

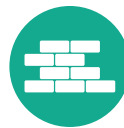
Nullifire's **SC902** was chosen as the intumescent coating to protect the structural steel members that host the energy-efficient equipment. Its unique patented hybrid formulation is low in VOC, and as a one-coat high build system, saves time during the building process. Moreover, **SC902** is weather-resistant as early as one hour after application, to mitigate the effects of sudden rain.

Tremco CPG's **SG558**, a neutral cure, low carbon, 100% silicone sealant was also used to weatherseal the property due to its excellent bonding to various façade envelop materials and outstanding UV resistance. Tremco **SG558** is a two-time certified eco-friendly construction sealing material that aligns with the client's initiatives for building sustainability.

<b>Completion Date</b>	Aug 2023
<b>Project Type</b>	Data Centre
<b>Project Size</b>	6,000 m <sup>2</sup>
<b>Product(s) Used</b>	SC902 SG558
<b>Country</b>	Singapore



Fast-cure: early weather resistance, shower-proof within 1 hour.



Optimised for on and off site application.



Fire rating up to 120 minutes and tested to BS476 and EN13381: Part 8



Low VOC, high-build system with all ratings possible in one application.