Teknos Oy
P.o.Box.107
00371 Helsinki

The following coating system for steel constructions has been tested by VTT (Technical research centre of Finland) according to the following instructions and standards:

- STUK-YTO-TR 210: 2004. *Requirements for coatings of nuclear power plant containments.*
- ASTM D 3911 - 95, 1995*. Standard test method for evaluating coatings used in light-water nuclear power plants at simulated design basis accident (DBA) conditions*
- ASTM D 4082 - 95, 1995*. Standard test method for effects of gamma radiation on coatings for use in light-water nuclear power plants.* ***
- ISO 8690, 1988. *Decontamination of radioactively contaminated surfaces - Method of testing and assessing the ease of decontamination*.

Coating system	INERTA PRIMER 5 A, INERTA 270 A,	1 x 60 µm 1 x 140 µm
	Total DFT	*200 µm*
Manufacturer	Teknos Oy	

According to test results, this coating system fulfils the requirements given in 2004 by Radiation and Nuclear Safety authority of Finland (STUK) for Radiation (gamma) and DBA-resistance and Ease of decontamination. Full experimental details have been given in report VTT-R-03684-16.

**) The total accumulated dose was 1x10^8 rads (= 1x10^6 J/kg = 1x10^{6}Gy) and the dose rates were greater than the regulator required.*

Espoo, 07.12.2020

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