

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.*


<b>Coating system</b>	INERTA 280 A,	1 x 500 µm
	<i>Total DFT</i>	<i>500 µm</i>
<b>Manufacturer</b>	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-03682-16.

*\*) The total accumulated dose was  $1 \times 10^8$  rads (=  $1 \times 10^6$  J/kg =  $1 \times 10^6$  Gy) and the dose rates were greater than the regulator required.*

Espoo, 07.12.2020

DocuSigned by:  
  
7CB4882A118A42C...  
Pasi Väisänen  
Engineer

DocuSigned by:  
  
4419E54C702A444...  
Sami Penttilä  
Research Team Leader