

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

- STUK-YTO-TR-210 - 2017. *Requirements for coatings of nuclear power plant containments.*
- ASTM D 3911 - 16, 2016. *Standard test method for evaluating coatings used in light-water nuclear power plants at simulated design basis accident (DBA) conditions.*
- ASTM D 4082 - 10, 2010. *Standard test method for effects of gamma radiation on coatings for use in nuclear power plants. \**
- ISO 8690, 1988. *Decontamination of radioactively contaminated surfaces - Method of testing and assessing the ease of decontamination.*


<b>Coating system</b>	TEKNOFLOOR PRIMER 5750 A, TEKNOFLOOR 5620 A,	2 x priming 2mm
<b>Manufacturer</b>	Teknos Oy	

According to test results, this coating system fulfils the requirements given in 2017 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-00257-20.

*\*) 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

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