

Manufacturer's Declaration

RE. Living Building Challenge Version 3.1: "Red List" and "Living Economy Sourcing" Imperatives.

Date: 12/23/2020

Product (Name & Description)	Contains Red List chemicals greater than 100ppm (from list below)	Wet-applied product containing VOCs (g/L)	Supporting Documents	Location of final point of assembly / manufacture																
Unglazed tile INAX TOUJURIN HAL-R/BLD-4	'Not applicable'	'Not applicable'	100% of raw material ingredients of TILE BODY are listed below: (%) <table><tr><td rowspan="2">Natural material</td><td>clay</td><td>17.0</td></tr><tr><td>Feldspar</td><td>29.0</td></tr><tr><td rowspan="2">Recycled material</td><td>Clay waste</td><td>33.0</td></tr><tr><td>Feldspar waste</td><td>21.0</td></tr></table> 100% of raw material ingredients of MESH NET are listed below: (%) <table><tr><td>Material</td><td>Fiberglass</td><td>100.0</td></tr></table> 100% of raw material ingredients of ADHESIVE to mesh are listed below: (%) <table><tr><td>Material</td><td>Denatured vinyl acetate, Acrylic copolymer aqueous emulsion</td><td>100.0</td></tr></table>	Natural material	clay	17.0	Feldspar	29.0	Recycled material	Clay waste	33.0	Feldspar waste	21.0	Material	Fiberglass	100.0	Material	Denatured vinyl acetate, Acrylic copolymer aqueous emulsion	100.0	Toki-City, Gifu prefecture, Japan
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Red List chemicals:

- Alkylphenols
- Asbestos
- Bisphenol A (BPA)
- Cadmium
- Chlorinated Polyethylene and Chlorosulfonated Polyethylene
- Chlorobenzenes
- Chlorofluorocarbons (CFCs) and Hydrochlorofluorocarbons (HCFCs)
- Chloroprene (Neoprene)
- Chromium VI
- Chlorinated Polyvinyl Chloride (CPVC)
- Formaldehyde (added)
- Halogenated Flame Retardants (HFRs)
- Lead (added)
- Mercury
- Polychlorinated Biphenyls (PCBs)
- Perfluorinated Compounds (PFCs)
- Phthalates
- Polyvinyl Chloride (PVC)
- Polyvinylidene Chloride (PVDC)
- Short Chain Chlorinated Paraffins
- Wood treatments containing Creosote, Arsenic or Pentachlorophenol
- Volatile Organic Compounds (VOCs) in wet-applied products (*not all VOCs, please refer to 20 VOCs listed on extended list)

We confirm that to the best of our knowledge, the above information is correct.

LIXIL Corporation

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