

F TECH 003 CERTIFICATE OF CONFORMITY

TILES KNAUF ISO-TONE HYGIENE (DANOTILE – knauf danoline range)

N° 12 07 071 – KNAUF ISO-TONE HYGIENE(DANOTILE – knauf danoline range) / 1 Ver.0



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Impasse des Carignans N°10
30126 SAINT LAURENT DES ARBRES - FRANCE

to : **KNAUF**

Reports :

- 12 07 071 – KNAUF ISOTONE HYGIENE/ 1 Ver.0 about particular monitoring writing the 28th March 2013**
- 12 07 071 – KNAUF ISOTONE HYGIENE/ 2 Ver.0 about microbiological tests writing the 3rd July 2013**
- 12 07 071 – KNAUF ISOTONE HYGIENE/ 3 Ver.0 about cleaning test writing the 20th June 2013**
- 12 07 071 – KNAUF ISOTONE HYGIENE/ 4 Ver.0 about test on a mini-environment writing the 29th October 2013**
- 12 07 071 – KNAUF ISOTONE HYGIENE/ 6 Ver.0 about kinetic of decontamination writing on the 20th March 2014**

Conclusions :

The tiles ISO-TONE HYGIENE (DANOTILE – knauf danoline range) are perform to be used in room of area 4 according to the norm NF S 90-351 : 2013.

- The particular class of the entire tile is ISO 5 according to the norm ISO 14644-1 : 1999.
- The decontamination class is CP_(0.5) 5 according to the norm NF S 90-351 : 2013.
- Any physical and particle degradation after 10 years of cleaning simulation with a product containing a mixture H₂O₂ + peracetic acid.
- The microbiological class for the entire tile according to the norm NF S 90-351 : 2013 is :

M1
Staphylococcus aureus MRSA / Serratia marcescens
Aspergillus brasiliensis / Enterococcus faecalis
Streptococcus pneumoniae / Klebsiella pneumoniae
Acinetobacter baumannii / Pseudomonas aeruginosa
Escherichia coli / Bacillus cereus / Candida albicans

GENERAL CONCLUSIONS OF TILES

ISO-TONE HYGIENE (DANOTILE – knauf danoline range)

Classification of tiles Iso-tone Hygiene (DANOTILE – knauf danoline range)

The tiles ISO-TONE HYGIENE (DANOTILE – knauf danoline range) are perform to be used in room of area 4 according to the norm NF S 90-351 : 2013.

Tests		Norms	Acceptance criteria	Real values	Conformity
Particular class of the entire tile		ISO 14644-1	ISO 5	ISO 5	Conform
Kinetic of particle decontamination		NFS 90-351	CP _(0.5) 5	CP _(0.5) 5	Conform
Cleaning simulation		Knauf Protocol	Any physical and particle degradation	Any physical and particle degradation	Conform
Microbiology air test entire tile	<i>Methicillin resistant Staphylococcus aureus(MRSA)/ Aspergillus brasiliensis/ Streptococcus pneumoniae/ Acinetobacter baumannii / Enterococcus faecalis / Bacillus cereus / Serratia marcescens / Klebsiella pneumoniae / Pseudomonas aeruginosa / Escherichia coli / Candida albicans</i>	NF S 90-351	M1	M1	Conform
Microbiology surface test entire tile	<i>Aspergillus brasiliensis/ Streptococcus pneumoniae/ Serratia marcescens / Pseudomonas aeruginosa / Escherichia coli / Candida albicans</i>	Knauf Protocol	≤ 10 CFU / box after 5 days	0 CFU	Conform

Remarks

- This controls shows that the tiles ISO-TONE HYGIENE (DANOTILE – knauf danoline range) could be used en area 4 according to the norm NF S 90-351 : 2013.
- The microbiological tests has been made under Microbiological Safety Cabinet.

The Director