R&D Laboratory
23/05/2025

FC-FREE FINISH (Hydrogreen)
INSTRUCTION FOR THE RE-PROOFING PROCESS

updated procedure

WASHING DETAILS

STEP	TIME [min]	TEMPERATURE [°C]	LIQUOR RATIO *	CHEMICAL
1ST RINSE	5	40	1 : 6	
DRAIN				
2ND RINSE	5	COLD (30)	1 : 4	2,5 cc/L acetic acid
DRAIN				
RE-PROOFING	6	40	1 : 4	20 g/L Keofin FFN
DRAIN				
SPIN EXTRACTOR	5			

* Specimen + ballast up to washing load capacity (load ratio 1:17)

DRYING DETAILS

a. TUNNEL /CABINET FINISHER

Inlet temperature setting: 160°C
STEAM: 2 minutes
HOT AIR: 3 minutes on (dryed fabric)
LOAD: SPECIMEN + BALLAST UP TO LOAD CAPACITY (14 pieces/batch)

alternatively

b. TUMBLE DRYING

Drum outlet temperature max 90°C

REMARKS

Machinery used for inhouse study:
ELECTROLUX WASCATOR mod. W3240H
KANEGIESSER TUNNEL FINISHER KFW
TUMBLE DRY WASCATOR TT 210

Test carried out:
SPRAY TEST mth. EN ISO 4920