



FLAME RETARDANT LEATHER

FLACAVON – SAFETY FIRST! ON LAND, SEA AND IN THE AIR

SCHILL + SEILACHER'S INNOVATIVE ANTIMONY-FREE FLACAVON RANGE SETS THE BENCHMARK FOR ENVIRONMENTALLY FRIENDLY FLAME-RETARDANT AGENTS AIMING FOR THE HIGHEST HEALTH AND SAFETY STANDARDS WHILE MAINTAINING OUTSTANDING PERFORMANCES.

The antimony-free flame-retardant technology of Flacavon safeguards tannery workers during the milling operation as the inhalation risk arising from antimony contaminated dust can be avoided. The absence of antimony in effluent is a further step in lowering the ecological footprint, even when manufacturing high performance leathers.

EXAMPLE OF FLAME RETARDANCY PERFORMANCE OF LEATHERS MADE WITH FLACAVON SBF

Ignition time (s)	After burn time (s)	After glow time (s)	Burning length (mm)	Burning time of drippings (s)
60	0 - 10	0 - 10	50 - 120	0
12	0	0 - 5	5 - 60	0

Results are without guarantee. Variation of results is based on the selection of raw materials, fatliquors and re-tanning agents.

Flacavon has been designed specifically for the application in leather manufacturing with regards to easy handling. The usage of vegetable tanning agents along with **Flacavon** in the re-tanning process is recommended. **Flacavon** works best when combined with fatliquors such as Lipsol MPA, Lipsol MSG and Flacavon HR.





BENEFITS

- Fullfills latest regulations
- Health and safety for tannery workers
- No antimony in effluent
- High flame-retardant performances
- Short residual burning and afterglow
- Easy application

PRODUCT DETAILS- Discover our modular flame-retardant solutions for consistent performance

Area of use	Product name	Short description	Application
RE-TANNING	FLACAVON SBF	Antimony-free flame-retardant agent with low health risk for the manufacturing of aviation, train or marine upholstery leathers.	FLACAVON SBF is applied at a quantity of 4 - 6% during the wet-end process alongside other re-tanning agents, with an additional 4 - 6% applied after fixation.
	FLACAVON RB7	A low-pollutant formulation developed for the treatment of flame-retardant upholstery leathers.	FLACAVON RB7 is applied at a quantity of 4 - 6% during the wet-end process alongside other re-tanning agents, with an additional 4 - 6% applied after fixation.
FATLIQUORING	FLACAVON HR	Fatliquor for flame-retardant upholstery leather with special attention to pass heat-release requirements.	Quantities to be used for fatliquoring depend on the required level of softness. Flacavon HR can be combined with Lipsol LQ or Lipsol MSG.
FINISHING	FLACAVON 2514	Special product for flame-retardant crust protection, free of antimony and AOX.	FLACAVON 2514 is formulated for application via spraying or roller coating, using a dilution ratio of 1:3 to 1:6, and can be applied to both the flesh and/or grain side of the leather.

