



## FPT - calculation of savings using Fiber ProTector on carpets, repeat treatments

This spreadsheet gives you an indication of the savings you will have over the lifetime of the carpet, both in terms of monetary savings and other savings like less business disruption, less water usage, less chemicals, etc. The calculations are based on an average of extensive tests done and typical water usage for extractions. The real results can deviate some, both on the positive and negative side.

Date: August 28, 2019

Client: HOTEL

Area: EUROPÉ

INPUT - DATA	
1 Carpet area being treated	Input
1,1 Square meter new carpet	3 000 sqm
1,2 Life expectancy of carpet	7 years
1,3 Cost of carpet and installation	45 EURO / sqm
2 Current (untreated) cleaning regime	
2,1 Time intervall between cleaning/extractions (in months)	5 months
2,2 Cost of cleaning/extraction (per sqm)	1,60 EURO / sqm
3 Cost of FiberProtection	
3,1 Cost of FiberProtector on new carpet (SB)	3,00 EURO / sqm
3,2 Cost of FiberProtector on carpet (WB) (w/extraction)	4,00 EURO / sqm

### OUTPUT - SAVINGS REPEATED TREATMENTS

A Savings in EURO over lifetime of carpet	Cost over lifetime when		Savings in		Lifetime expectancy (yrs)	
	untreated	treated	EURO	%	treated	untreated
A1 Cleaning/extraction cost*	80 640	49 800	30 840	38%		
A2 Increased life expectancy of carpet			67 500	84% **	10,5	7
<b>A3 SUM saving in EURO</b>			<b>98 340</b>	<b>122%</b>		

B Business continuity	untreated	treated	Savings in	
			#	%
B1 Number of cleanings/extractions needed over lifetime*	16,8	4	13	76%

\*in order to compare 'apples with apples' we compare the numbers over the stated UNTREATED lifetime expectancy

\*\*the saving in percent is calculated based on the untreated cost, not the carpet cost.

C Other savings	Liters used over lifetime		Savings in	
	untreated	treated	liters	%
C1 Estimated water usage	126 000	30 000	96 000	76%
C2 Estimated chemical usage (extraction)	2 520	600	1 920	76%

