Premium Surface PROTECTION

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 doneand 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

FIBER PROTECTOR

OUTPUT - SAVINGS REPEATED TREATMENTS

		Cost over lifetime when		Savings in		Lifetime expectancy (yrs)	
A	Savings in EURO over lifetime of carpet	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
A3	**SUM saving in EURO**			**98 340**	**122%**		

				Savings in	
B	Business continuity	untreated	treated	#	%
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.*

		Liters used over lifetime		Savings in	
C	Other savings	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%**

A - Savings in EURO

B - Number of cleanings/extratctions needed over lifetime

C - Liter water used to clean carpet over lifetime

C - Liter chemicals used to clean over lifetime