



**Annual reduction
of NO per m²**

**exhibit
Certification**



ANUAL REDUCTION OF NO PER M²

TABLE

✓ NO reduction based on known data from tests performed at Fraunhofer IST.

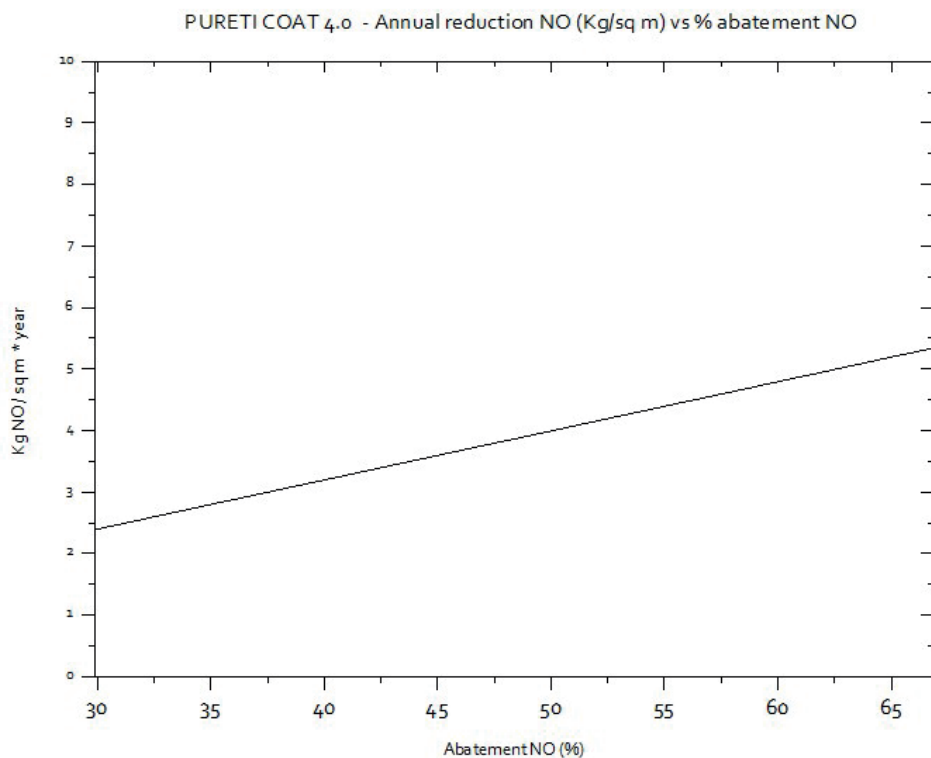
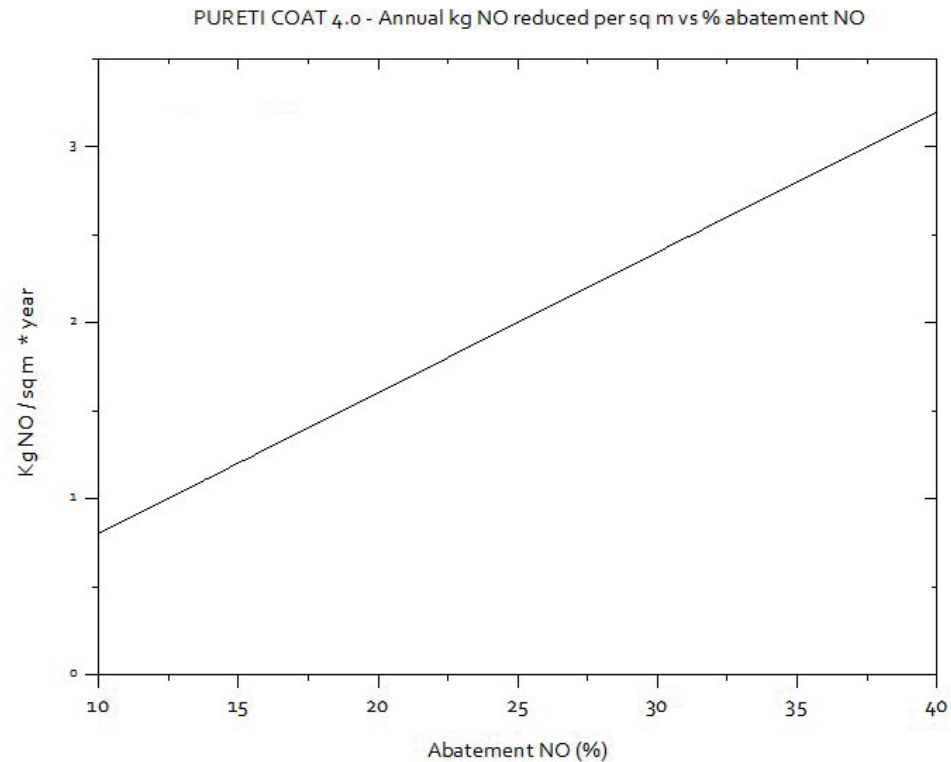
% NO ABATEMENT	Annual reduction of kg NO per m ²
10	0,80
15	1,20
20	1,60
25	2,00
30	2,40
35	2,80
40	3,20
45	3,60
50	4,00
55	4,39
60	4,79
65	5,19
70	5,59

✓ Test conditions:

T: 26°C ; RH: 40% ; NO inlet 125µg/m³; inlet air 70m³/h ;
UV-A exposition period 16 hours/day ; 365 days/year ;

ANUAL REDUCTION OF NO PER M²

GRAPH % ABATEMENT VS. ANNUAL REDUCTION OF NO



CERTIFICATIONS

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✓ FRAUNHOFER IST - Germany

COMPOSITION	RESULTS
ACRYLIC EMULSION PAINT	68,93%
ACRYLIC PAINT	50,20%
ALUMINUM	59,73%
ALIPHATIC TPU	72,57%
ALIPHATIC TPU	69,97%
AROMATIC TPU	75,35%
CERAMICS	68,00%
CERAMICS	66,83%
CERAMICS	65,64%
CERAMICS	60,83%
CERAMICS	57,30%
CERAMICS	51,30%
CERAMICS	50,63%
CERAMICS	44,86%
CERAMICS	41,06%
CERAMICS	38,20%
CERAMICS	24,77%
CORK AGGLOMERATE	10,54%
ENCAPSULATED CORK	75,30%
FABRIC	22,24%
FIBERGLASS VINYL	29,90%
GLASS	47,59%
GLASS	47,30%
GLASS	37,14%

CERTIFICATIONS

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✓ FRAUNHOFER IST - Germany

COMPOSITION	RESULTS
GLASS	31,94%
LED SCREEN	50,03%
MIXED TILE (CLAY)	41,20%
PAINT PROTECTION FILM WITH TPU ADHESIVE	68,71%
PAINT PROTECTION FILM WITHOUT TPU ADHESIVE	11,68%
POLYETHYLENE	76,17%
POLYETHYLENE	48,68%
POLYETHYLENE	43,10%
POLYPROPYLENE FILM WITH ACRYLATE ADHESIVE	60,30%
POLYVINYL BUTYRAL	37,17%
PVC	55,8%
PVC	55,30%
PVC	26,42%
PVC	21,66%
PVC-COATED POLYESTER	56,90%
PVC-COATED POLYESTER	22,01%
PVC-FREE POLYESTER	21,84%
PVC WITH HIGH TENACITY POLYESTER FABRIC	22,42%
STAINLESS STEEL	34,57%
STEEL	46,10%
TILE (CLAY)	30,90%

CERTIFICATIONS

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✓ AINIA ((Agri-food Industry Technology Centre) – Valencia:

COMPOSITION	RESULTS	
	<i>S.aureus</i>	<i>E.coli</i>
CARPET	1,22 log ₁₀ (93,97%)	4,35 log ₁₀ (>99,99%)
CARPET	1,01 log ₁₀ (90,23%)	1,85 log ₁₀ (>98,59%)
CARPET	3,2 log ₁₀ (99,9%)	4,8 log ₁₀ (99,99%)
CARPET	3,2 log ₁₀ (99,9%)	2 log ₁₀ (99%)
POLYESTER	4,12 log ₁₀ (99,99%)	3,53 log ₁₀ (99,97%)
POLYESTER	1,00 log ₁₀ (90%) (<i>bacteriophage MS2</i>)	
POLYETHYLENE	3,60 log ₁₀ (99,97%)	3,71 log ₁₀ (99,98%)
PVC	2,47 log ₁₀ (99,66%)	1,59 log ₁₀ (97,43%)
WOOD PANEL	>2,26 log ₁₀ (>99,5%)	1,20 log ₁₀ (93,7%)

✓ Otros: VOC removal in walls and ceilings, **IOWA University**.

VOC	RESULTS
BUTYRIC ACID	82,80%
GUAIACOL	100,0%
P-CRESOL	93,9%
DMDS	33,9%
DEDS	75,8%
DMTS	69,8%