

Lowering your CO₂ footprint with **SANBLEND**[®]

Sibelco's **SANBLEND** range of refined and semi refined grades can help you reduce your CO₂ footprint and contribute to a better future for our children.

In a typical European sanitaryware body, 100 tonnes of CO₂ is generated for every 1 million pieces produced, so saving 1% on fired yield in a 1 million piece factory saves around 1 tonne of CO₂.

1 Million Pieces = 100 Tonne of CO₂

Getting “more from less” with your body components. Avoid re-working in the green state and faults in finished fired products by using the **SANBLEND** range. Our technical experts can support you in choosing the right body components from our consistent and wide range of ball clays, tailoring a solution to your individual needs.

1 % First Fired Yield improvement* = Saving 1 Tonne of CO₂



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		CO ₂ Saving	1 T per year	2 T per year	4 T per year
		Current Situation	Improvement 1	Improvement 2	Improvement 3
Pieces cast per year		1,000,000	1,000,000	1,000,000	1,000,000
Clay loss	%	8	6	5	4
Pieces fired per year		920,000	940,000	950,000	960,000
Fired loss	%	12	11	10	8
Saleable pieces per year		809,600	836,600	855,000	883,200
Increase / Decrease in saleable pieces			27,000	45,400	73,600
Average selling price per piece	euro	50	50	50	50
Annual sales revenue	euro	40,480,000	41,830,000	42,750,000	44,160,000
Increase / Decrease in annual sales revenue	euro		1,350,000	2,270,000	3,680,000
Body raw material cost per tonne	euro	100	125	125	125
Average dry clay weight per piece	Kgs	20	20	20	20
Factor for wastage	%	4	4	4	4
Tonnes of body required per year	Tonnes	20,800	20,800	20,800	20,800
Tonnes of reprocessed clay scrap per year	Tonnes	1,600	1,200	1,000	800
Cost of body raw materials per year	euro	1,920,000	2,450,000	2,475,000	2,500,000
Body raw material cost saving / Increase per year	euro		530,000	555,000	580,000
Glaze cost per year	euro	1,104,000	1,128,000	1,140,000	1,152,000
Glaze cost saving / Increase per year	euro		24,000	36,000	48,000
Sales revenue - body cost - glaze cost	euro	37,456,000	38,252,000	39,135,000	40,508,000
Overall financial gain / Loss	euro		796,000	1,679,000	3,052,000

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Please note: the product name Sanblend is not used in Mexico, USA or Canada. Products included in our portfolio might be (temporarily) out of stock or otherwise not available due to external circumstances. Sibelco does not assume any liability as a consequence of its promoted products not being available.

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