



SIBELCO

SIBELCO GLASS RECYCLING

GLASS RECYCLING

SIBELCO IS EUROPE’S LEADING GLASS RECYCLER. EVERY YEAR WE SOURCE OVER 3 MILLION TONNES OF WASTE GLASS AND TRANSFORM IT INTO HIGH-QUALITY PRODUCTS.

With a lower melting point than primary raw materials, recycled glass (cullet) enables container glass manufacturers to reduce energy costs and CO₂ emissions, as well as diverting waste glass from landfill.

Our 23 recycling facilities are spread across Belgium, Estonia, France, Italy, Poland and the UK. Within Italy we have five glass recycling facilities, sites in San Cesario sul Panaro (MO), Musile di Piave (VE), Antegnate (BG) and Trani (BA) are dedicated to the production of kiln-ready scrap cullet, and our site in Spilamberto (MO) produces glass sand through a rigorous separation process.

Mixed & flint cullet

Our unique process removes metals, plastics, paper and card from the waste batch, before filtering the remaining glass by size and purity. Optical sorting technology then separates the cullet into different colours.

We collect and transport different types of glass waste from public and private companies, plus local municipalities. We then transform the waste material (mixed colour, clear, white and half white) into premium quality cullet available in various colours. In addition, we can also process flat glass at Antegnate site.



Glass sand & calibrated glass sand

Our site located in Spilamberto focuses on the production of glass sand (0.1-0.8) for the glass manufacturing industry, we also produce calibrated glass sand, graded on size and purity. These ecological products can be used in various end markets including sandblasting and filtration. More traditional sectors such as production of bricks, construction materials and glass wool can also benefit from the use of glass sand.

We ensure our products are free from slag, respirable crystalline silica or lead and are available in both coarse and fine grain sizes, delivered in bulk, bags or big bags.

We offer different grades of calibrated glass sand based on source and colour:

- Mixed glass sand – recycled glass
- White glass sand – solar panel, screens
- New: granulated Ultrafine (< 100 micron)

Sieve µm	Fine A	Fine B	Fine	Medium	Coarse	Extra Coarse
5000						1%
4000						10%
3000					0.5%	59%
2500					5%	20%
2000					19%	10%
1500					30.5%	
1300				1%	25%	
1200				1%	7%	
100				15%	10%	
900				45%	3%	
800		1%	0.5%	10%		
700		7%	3%	20%		
600		11%	5%	5%		
500		25%	12.5%	3%		
400	1%	25%	13%			
300	5%	25%	18%			
200	48%	5%	29%			
100	16%		7%			
0	30%	1%	12%			

MATERIAL SOLUTIONS ADVANCING LIFE

Sibelco is a multinational company active in 33 countries, a world leader in the production and marketing of raw materials (quartz, kaolin, clays, feldspar, etc.) for industrial applications. Sibelco Group operates, with its subsidiaries, in almost all countries of the world and represents a global leader in the field of quartz, in terms of reserves, processes and technologies. Sibelco's main markets are: container glass, flat glass, foundries, ceramics including sanitaryware, chemicals, construction and sports & leisure.



33
countries



6
technical
centres



120
production
sites



5,000
people
worldwide