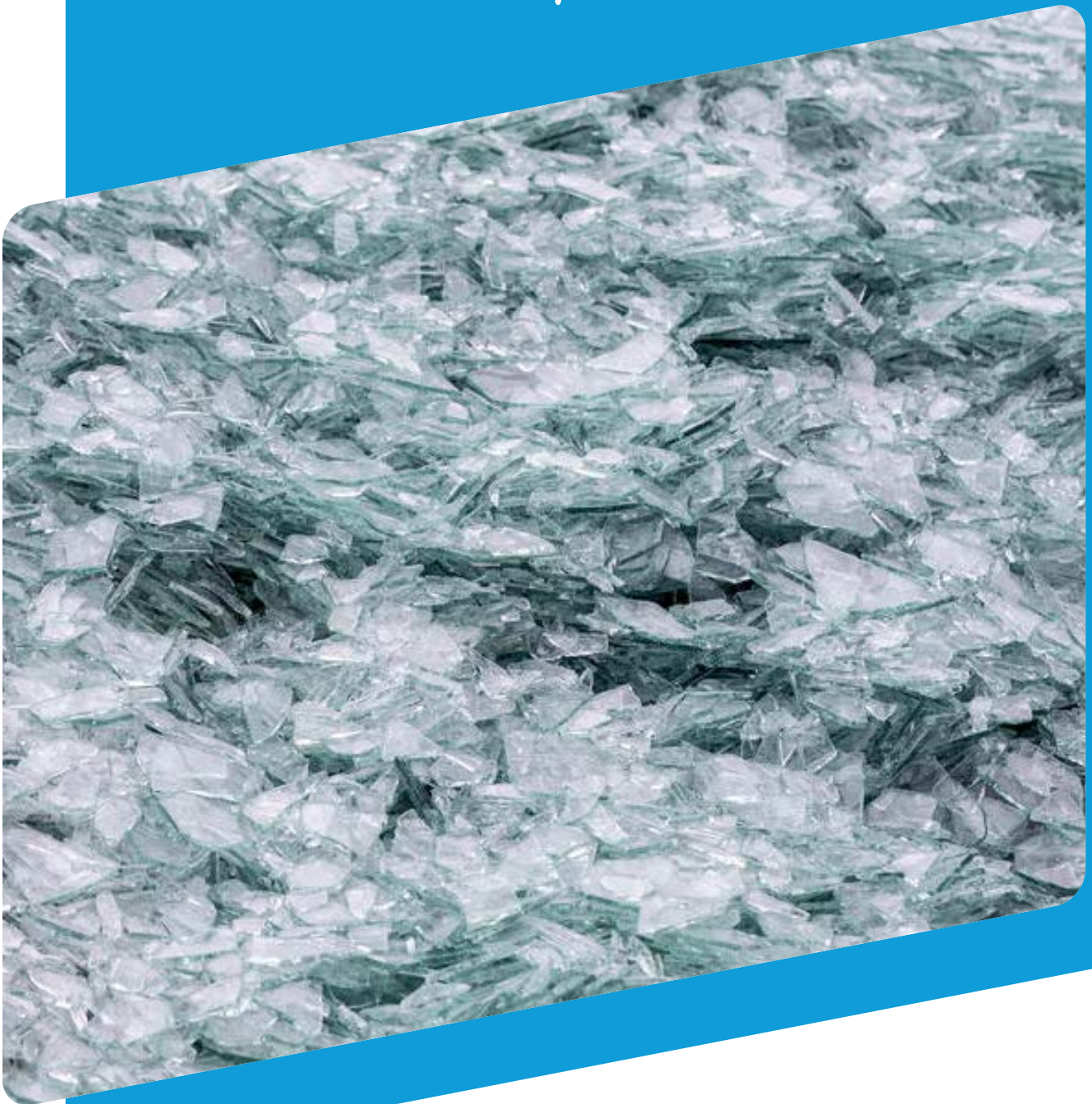


CULLET OR NOT CULLET?

Let's close the loop



OUR AMBITION: 40% OF CULLET IN 2030

Glass can be recycled infinitely. However, flat glass in glazing has a demanding nature and a special chemistry. To increase its recycled content, only scraps of glass, also called cullet, originating from flat glass can be recycled into flat glass.

At Saint-Gobain Glass we aim to increase the cullet coming from external sources. We share in this document our knowledge of what we consider as cullet or not. For any deconstruction or renovation project Saint-Gobain Glass is here to support you.

► DID YOU KNOW THAT INTRODUCING 1 TON OF CULLET:

- Reduces CO₂ emissions by 700kg - (scopes 1, 2, 3);
- Preserves 1.2 tons of primary raw materials (including sand);
- Reduces by 30 % the energy needed to melt the batch

Today, Saint-Gobain Glass products contain about 1/3 of cullet*.

**This is an average of all our float plants worldwide, 2020 data*



CULLET¹

- Clear and extra clear float glass (soda-lime glass)
- Coloured glass (used to make coloured glass only)
- Magnetron sputtered coated glass
- Pyrolytic coated glass
- Annealed, heat strengthened, toughened, tempered glass, heat soak tested glass, etc.
- Laminated glass (only if it is made up of standard PolyVinyl Butyral (PVB) sheets or Ethylene Vinyl Acetate (EVA))
- Mirrors
- Lacquered glass
- Acid-etched glass
- Patterned glass (also called textured glass)

¹ Saint-Gobain R&D is working actively to increase this list



NOT CULLET²

BUILDING GLAZING

- Laminated glass with any other material than PVB and EVA
- Wired glass
- Glass cullet contaminated with any other waste
- Glass with a fire-resistant intermediate layer
- Borosilicate glass
- Solar panels
- Electrochromic glass
- Glass with electric connections
- Enameled glass, digital printing, screen printing glass (contact us for more details)
- Mechanical fixing, metallic accessories
- Other components from the Insulated Glass Unit (spacer, sealant, dessicant, corner keys, inserts...)

OTHER GLASS TYPES AND MATERIALS:

- Glass-ceramic elements: cookers, etc.
- Glass bottles and other containers
- Tableware
- Crystal (lead glass)
- Laboratory glass (test tubes, beaker glasses, etc.)
- Bulbs and light fittings
- Decorative glass objects
- Television screens, computer screens...
- Construction waste (aggregates, concrete, rubble, sand...)
- Elements containing asbestos

² Saint-Gobain R&D is working actively to reduce this list



SAINT-GOBAIN GLASS

Saint-Gobain Tower
12 place de l'Iris
92400 Courbevoie
France

www.saint-gobain-glass.com