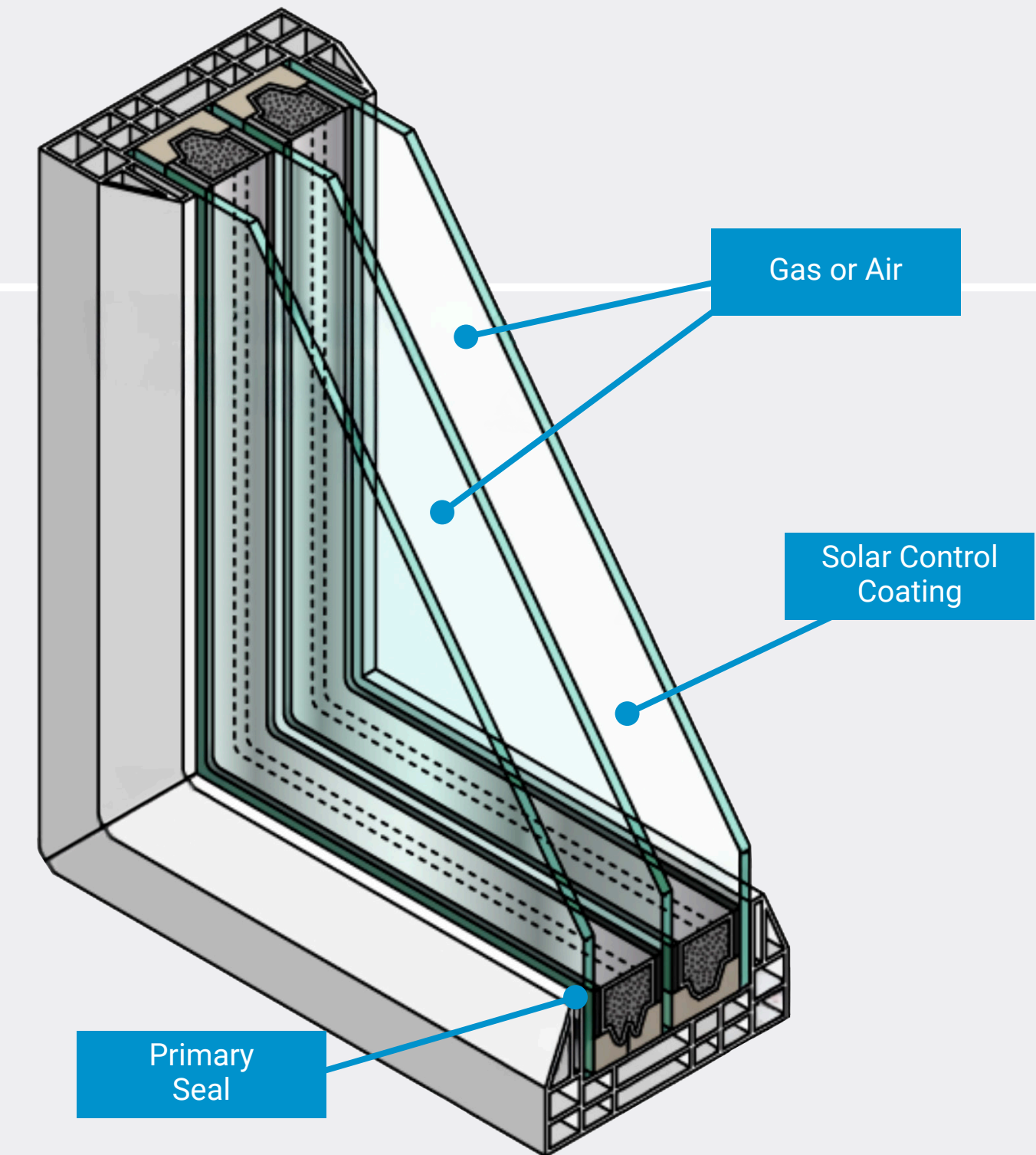


Triple Glazing

How it works

Unlike double, triple glazing uses three panes of glass. This creates two air gaps instead of one. The extra gap reduces heat loss and provides an extra thermal layer against the cold. They achieve A++ for their energy efficiency rating, whereas for double glazing the maximum efficiency rating is A+. We replaced all windows in the property with triple glazing. The only exception was the sliding door, which we replaced with a new double glazed door (for which the specification was better than the triple glazed one).



Our experience

A notable reduction in the sound carried into the house from outside. The house feels more peaceful. But be aware that areas like soffits – close to windows – may contain asbestos. We found some and had it tested and removed (budget for this). We were also surprised by the lower than expected cost difference between double and triple glazing which is why we opted for triple glazing (with the exception of the sliding door).

Benefits

- Improved noise reduction from outside versus double glazed windows
- Reduced heat loss
- No window draughts

Installation

When installing Cavity Wall Insulation, factor this into the sequencing of works. Generally, it is also best to improve insulation to the house first before replacing windows as this should reduce overall heat loss, though if doing this at the same time as the windows (like we did), do your windows first to avoid leakage of the insulation beads from exposed gaps due to replacement of sills. The windows also came with a 10-year guarantee.

Before and after

The double glazed windows were the second 'leakiest' part of the house, comprising **14%** of the total heat lost by the house. After the retrofit, heat lost by the windows reduced by **45%**.