

arcon N34 – The New Thermal Insulation Glass



The new N34 thermally insulating glass is the result of our latest development work at arcon. Along with our usual high thermal insulation properties, it also features substantially improved lighting characteristics. As arcon N34 HT it also comes as a colour-compatible temperable option. With optional cut-to-size coating, arcon is offering the extensive flexibility of a complete range of solutions for efficient thermal insulation glazing.

➤ Product characteristics

- High light transmission ensures a high level of natural light in the building
- Maximum neutrality in transmission
- Very low neutral external reflectance
- Colour compatibility between temperable and non-temperable versions
- Unprecedented light transmission of 75 % in triple glazing when using clear float glass

➤ Product range

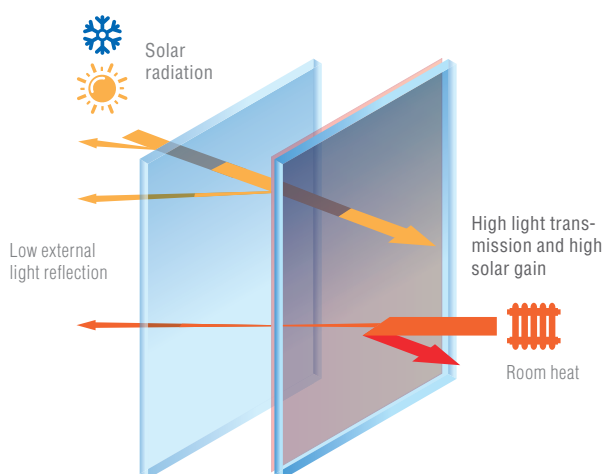
- Temperable and non-temperable options available
- Cut-to-size coating for screen-printed, laminated or other worked glass products

➤ Overview of technical details

| IGU composition | Light transmission | Light reflectance (outside) | Solar factor (SF) | Colour rendering index | U _g -value | Gas fill |
|-----------------|--------------------|-----------------------------|-------------------|------------------------|-----------------------|----------|
| 4/16/:4 | 82 % | 12 % | 64 % | 98 | 1,1 | 90 % Ar |
| 4/16/:4 | 82 % | 12 % | 64 % | 98 | 1,0 | 90 % Kr |
| 4:/14/4/14/:4 | 74 % | 14 % | 53 % | 96 | 0,6 | 90 % Ar |
| 4:/12/4/12/:4 | 74 % | 14 % | 53 % | 96 | 0,5 | 90 % Kr |

All technical values to EN 410 and EN 673 ($\Delta T=15K$), manufacturing tolerances to EN 1096

➤ Double glazing



➤ Triple glazing

