Disclaimer:

SCHÜCO

1. Window Information

Profile System:

Framing Profile:

Transom Profile:

Mullion Profile:

Vent Profile:

Insulating glass

Glass ID	Makeup

2. Codes and Specifications

[1] **DIN 4109-2:2018**, Sound insulation in buildings – Part 2: Verification of compliance with the requirements by calculation.

[2] **DIN 4109-35:2016**, Sound insulation in buildings – Part 35: Data for verification of sound insulation(component catalogue) – Elements, windows, doors, curtain walling.

[3] **DIN EN 14351-1 : 2016**, Windows and doors - Product standard, performance characteristics - Part 1: Window and external pedestrian doorsets.

3. Results

In accordance with DIN 4109-2:2018 "Sound insulation in buildings - Part 2: Verification of compliance with the requirements by calculation", an area-based energy calculation of the weighted sound reduction index of building components" Rw,res has been carried out for the user defined window unit.

Rw,res =   dB

The following are taken into account: official test certificates, results of internal profile measurements as well as national and international correction factors in accordance with DIN EN 4109-35:2017 and EN 14351:2016. The output value Rw,res currently does not take account of the safety coefficients specified in national standards for the calculation.

The detailed geometry information is listed in the table below.

Fields and Profiles Details