

**project 20160645.004, Zuiderhof fase 3**

Projectdatum 30-11-2020  
 Opdrachtgever Impact Vastgoed B.V.  
 Uitgevoerd door [REDACTED]

**gebouw Zuiderhof hoekwoning blok 8/9**

Rekenmethode NPR 5272 totaal 125 250 500 1000 2000  
 V/Sr is minimaal 3, conform NEN5077-C3 (2013)  
 Spectrum weg2012 Ci -14.0 -10.0 -7.0 -4.0 -6.0  
 Uitgevoerd door [REDACTED]

| verblijfsgebied | WK / KKN  | totaal | 125 | 250 | 500 | 1000 | 2000 |
|-----------------|---|--------|-----|-----|-----|------|------|
| Geluidbelasting | 53 dB   |        |     |     |     |      |      |
| Opgegeven als   | Lden  |        |     |     |     |      |      |
| Su,tot          | 36.1 m2 (Opp. uitw. gevelconstructie verblijfsgebied) |        |     |     |     |      |      |
| <b>GA;k</b>     | <b>25.3 dB</b>  |        |     |     |     |      |      |
| GA;k, vereist   | 20.0 dB   |        |     |     |     |      |      |

**WK / KKN**

|               |                |    |      |      |      |      |      |
|---------------|----------------|----|------|------|------|------|------|
| Su,ruimte     | 36.1 m2        |    |      |      |      |      |      |
| <b>GA;k</b>   | <b>24.7 dB</b> |    |      |      |      |      |      |
| GA;k, vereist | 18 dB          |    |      |      |      |      |      |
| V             | 93.7 m3        |    |      |      |      |      |      |
| T,ref         | 0.5 s          |    |      |      |      |      |      |
| <b>GA</b>     | <b>24.7 dB</b> | GA | 35.4 | 31.0 | 31.4 | 29.5 | 33.2 |
| <b>Lp</b>     | <b>28.3 dB</b> | Lp | 17.6 | 22.0 | 21.6 | 23.5 | 19.8 |

**Achtergevel**

|                             |            |      |      |      |      |      |      |
|-----------------------------|------------|------|------|------|------|------|------|
| Su,gevel                    | 14.3 m2    | Cl   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| Cfs figuur ( NPR5272 )      | handinvoer | Cfs  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| absorptie plafond           | --         |      |      |      |      |      |      |
| hoogte gesloten ballustrade | -- m       | H    | -- m |      |      |      |      |
| diepte balkon/galerij       | -- m       | D    | -- m |      |      |      |      |
| GA;k,gevel                  | 25.0 dB    |      |      |      |      |      |      |
| GA,gevel                    | 25.0 dB    | GA,g | 25.0 | 36.3 | 31.9 | 31.6 | 29.6 |
|                             |            | Gi,g | 22.3 | 21.9 | 24.6 | 25.6 | 27.3 |
| Lp,gevel                    | 28.0 dB    | Lp,g | 28.0 | 16.7 | 21.1 | 21.4 | 23.4 |
|                             |            |      |      | 19.7 |      |      |      |

| Gvdeel        | Afm.               | Cat.nr. | Msoort  | Materiaal   | GA;k,p | Lp;p | Cvlg |       | totaal | 125  | 250  | 500  | 1000 | 2000 |
|---------------|--------------------|---------|---------|---|--------|------|------|-------|--------|------|------|------|------|------|
| Dicht deel    | 7.96m <sup>2</sup> | mw51b   | wand    | Steen. spouwmuur 400 kg/m <sup>2</sup>                      | 52.7   | 0.3  | 1.5  | RA    | 51.2   | 41.0 | 46.0 | 52.0 | 59.0 | 64.0 |
| glas          | 4.74m <sup>2</sup> | gd27d   | glas    | 4/15/5 mm   | 32.5   | 20.5 | 0    | RA    | 27.3   | 21.0 | 19.0 | 30.0 | 38.0 | 39.0 |
| naad glas     | 13.28m             | na49    | naad    | Droge beglazing; band met/zonder topafdic                   | 50.1   | 2.9  | 0    | RA    | 49.4   | 38.0 | 45.0 | 52.0 | 58.0 | 60.0 |
| kozijn frame  | 0.78m <sup>2</sup> | ko37    | kozijn  | Kozijn K3   | 48.3   | 4.7  | 1.5  | RA    | 36.8   | 31.0 | 34.0 | 34.0 | 39.0 | 44.0 |
| draaiend de   | 7.64m              | k40     | kier    | O-profiel indrukking 3,5 mm                                 | 42.7   | 10.3 | 0    | RA    | 39.6   | 41.0 | 44.0 | 44.0 | 38.0 | 39.0 |
| Aansluiting g | 10.08m             | na50    | naad    | Band en lat   | 49.7   | 3.3  | 2    | RA    | 49.8   | 37.0 | 48.0 | 56.0 | 60.0 | 65.0 |
| kozijn raamh  | 0.83m <sup>2</sup> | ko33    | kozijn  | Kozijn K2   | 44.6   | 8.4  | 1.5  | RA    | 33.3   | 26.0 | 28.0 | 34.0 | 36.0 | 40.0 |
| rooster       | 1.04m              | sdu26o  | rooster | DucoFlat 12 'ZR'  | 26.1   | 26.9 | --   | DneA  | 25.9   | 27.2 | 27.3 | 24.3 | 25.6 | 27.3 |
|               |                    |         |         | Celev: berekend   |        |      |      | Celev |        | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
|               |                    |         |         | H: 1.5 m D: m   |        |      |      | Cpos  |        | 2.0  | 1.5  | -0.5 | 0.0  | 0.0  |
|               |                    |         |         | Cpos: 2-hoeks 1 gevelzijde                                  |        |      |      |       |        |      |      |      |      |      |
|               |                    |         |         | Dv: 0.2 m Dh: 1.9 m   |        |      |      |       |        |      |      |      |      |      |
|               |                    |         |         | RqA: -3.5   |        |      |      |       |        |      |      |      |      |      |
|               |                    |         |         | Qv: 11.5 dm <sup>3</sup> /s debiet: 12.0 dm <sup>3</sup> /s |        |      |      |       |        |      |      |      |      |      |

De rekenmethode voorziet in veiligheidsmarges voor suskasten en roosters. Kolom Cvlg is voor deze materialen niet van toepassing

**Kopgevel**

|                             |             |    |  |   |      |      |      |      |      |      |      |
|-----------------------------|-------------|----|--|---|------|------|------|------|------|------|------|
| Su,gevel                    | 21.8        | m2 |  |   | Cl   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |      |
| Cfs figuur ( NPR5272 )      | handinvoer  |    |  |   | Cfs  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |      |
| absorptie plafond           | --          |    |  |   |      |      |      |      |      |      |      |
| hoogte gesloten ballustrade | --          | m  |  | H | --   | m    |      |      |      |      |      |
| diepte balkon/galerij       | --          | m  |  | D | --   | m    |      |      |      |      |      |
| GA;k,gevel                  | <u>35.9</u> | dB |  |   |      |      |      |      |      |      |      |
| GA,gevel                    | 35.9        | dB |  |   | GA,g | 35.9 | 43.1 | 38.6 | 45.2 | 45.7 | 49.1 |
|                             |             |    |  |   | Gi,g |      | 29.1 | 28.6 | 38.2 | 41.7 | 43.1 |
| Lp,gevel                    | 17.1        | dB |  |   | Lp,g | 17.1 | 9.9  | 14.4 | 7.8  | 7.3  | 3.9  |

| Gvdeel        | Afm.                | Cat.nr. | Msoort | Materiaal                                 | GA;k,p | Lp;p | Cvlg |    | totaal | 125  | 250  | 500  | 1000 | 2000 |
|---------------|---------------------|---------|--------|---|--------|------|------|----|--------|------|------|------|------|------|
| Dicht deel    | 19.57m <sup>2</sup> | mw51b   | wand   | Steen. spouwmuur 400 kg/m <sup>2</sup>    | 48.8   | 4.2  | 1.5  | RA | 51.2   | 41.0 | 46.0 | 52.0 | 59.0 | 64.0 |
| glas          | 1.58m <sup>2</sup>  | gd27d   | glas   | 4/15/5 mm                                 | 37.2   | 15.8 | 0    | RA | 27.3   | 21.0 | 19.0 | 30.0 | 38.0 | 39.0 |
| naad glas     | 9.62m               | na49    | naad   | Droge beglazing; band met/zonder topafdic | 51.5   | 1.5  | 0    | RA | 49.4   | 38.0 | 45.0 | 52.0 | 58.0 | 60.0 |
| kozijn frame  | 0.53m <sup>2</sup>  | ko37    | kozijn | Kozijn K3                                 | 50.0   | 3.0  | 1.5  | RA | 36.8   | 31.0 | 34.0 | 34.0 | 39.0 | 44.0 |
| Aansluiting g | 5.98m               | na50    | naad   | Band en lat                               | 52.0   | 1.0  | 2    | RA | 49.8   | 37.0 | 48.0 | 56.0 | 60.0 | 65.0 |
| draaiend dec  | 3.98m               | k40     | kier   | O-profiel indrukking 3,5 mm               | 45.5   | 7.5  | 0    | RA | 39.6   | 41.0 | 44.0 | 44.0 | 38.0 | 39.0 |
| kozijn raamh  | 0.08m <sup>2</sup>  | ko33    | kozijn | Kozijn K2                                 | 54.8   | -1.8 | 1.5  | RA | 33.3   | 26.0 | 28.0 | 34.0 | 36.0 | 40.0 |

De rekenmethode voorziet in veiligheidsmarges voor suskasten en roosters. Kolom Cvlg is voor deze materialen niet van toepassing

| verblijfsgebied |             | Slaapkamers |   |  |  | totaal | 125 | 250 | 500 | 1000 | 2000 |
|-----------------|-------------|-------------|---|--|--|--------|-----|-----|-----|------|------|
| Geluidbelasting | 54          | dB          |   |  |  |        |     |     |     |      |      |
| Opgegeven als   |             |             |   |  |  |        |     |     |     |      |      |
| Su,tot          | 27.3        | m2          | (Opp. uitw. gevelconstructie verblijfsgebied) |  |  |        |     |     |     |      |      |
| <b>GA;k</b>     | <b>21.5</b> | <b>dB</b>   |   |  |  |        |     |     |     |      |      |
| GA;k, vereist   | 21.0        | dB          |   |  |  |        |     |     |     |      |      |

**Slaapkamer 1**

|               |             |           |  |  |    |  |      |      |      |      |      |
|---------------|-------------|-----------|--|--|----|--|------|------|------|------|------|
| Su,ruimte     | 13.2        | m2        |  |  |    |  |      |      |      |      |      |
| <b>GA;k</b>   | <b>21.1</b> | <b>dB</b> |  |  |    |  |      |      |      |      |      |
| GA;k, vereist | 19          | dB        |  |  |    |  |      |      |      |      |      |
| V             | 41          | m3        |  |  |    |  |      |      |      |      |      |
| T,ref         | 0.5         | s         |  |  |    |  |      |      |      |      |      |
| <b>GA</b>     | <b>21.2</b> | <b>dB</b> |  |  | GA |  | 31.0 | 27.9 | 31.1 | 24.7 | 30.2 |
| <b>Lp</b>     | <b>32.8</b> | <b>dB</b> |  |  | Lp |  | 23.0 | 26.1 | 22.9 | 29.3 | 23.8 |

**Achtergevel**

|                             |             |                |  |   |      |      |      |      |      |      |      |
|-----------------------------|-------------|----------------|--|---|------|------|------|------|------|------|------|
| Su,gevel                    | 8.1         | m <sup>2</sup> |  |   | Cl   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |      |
| Cfs figuur ( NPR5272 )      | handinvoer  |                |  |   | Cfs  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |      |
| absorptie plafond           | --          |                |  |   |      |      |      |      |      |      |      |
| hoogte gesloten ballustrade | --          | m              |  | H | --   | m    |      |      |      |      |      |
| diepte balkon/galerij       | --          | m              |  | D | --   | m    |      |      |      |      |      |
| GA;k,gevel                  | <u>21.6</u> | dB             |  |   |      |      |      |      |      |      |      |
| GA,gevel                    | 21.8        | dB             |  |   | GA,g | 21.8 | 32.1 | 29.9 | 31.8 | 24.8 | 30.3 |
|                             |             |                |  |   | Gi,g |      | 18.1 | 19.9 | 24.8 | 20.8 | 24.3 |
| Lp,gevel                    | 32.2        | dB             |  |   | Lp,g | 32.2 | 21.9 | 24.1 | 22.2 | 29.2 | 23.7 |

| Gvdeel        | Afm.                | Cat.nr. | Msoort  | Materiaal   | GA;k,p | Lp;p | Cvlg |       | totaal | 125  | 250  | 500  | 1000 | 2000 |
|---------------|---------------------|---------|---------|---|--------|------|------|-------|--------|------|------|------|------|------|
| Dicht deel    | 4.67 m <sup>2</sup> | mw51b   | wand    | Steen. spouwmuur 400 kg/m <sup>2</sup>                      | 51.2   | 2.6  | 1.5  | RA    | 51.2   | 41.0 | 46.0 | 52.0 | 59.0 | 64.0 |
| glas          | 2.41 m <sup>2</sup> | gd27d   | glas    | 4/15/5 mm   | 31.7   | 22.2 | 0    | RA    | 27.3   | 21.0 | 19.0 | 30.0 | 38.0 | 39.0 |
| Kozijn glasn: | 15.20 m             | na49    | naad    | Droge beglazing; band met/zonder topafdic                   | 45.7   | 8.1  | 0    | RA    | 49.4   | 38.0 | 45.0 | 52.0 | 58.0 | 60.0 |
| Kozijn raamf  | 0.20 m <sup>2</sup> | ko33    | kozijn  | Kozijn K2   | 47.0   | 6.8  | 1.5  | RA    | 33.3   | 26.0 | 28.0 | 34.0 | 36.0 | 40.0 |
| Kier Raamhc   | 4.26 m              | k40     | kier    | O-profiel indrukking 3,5 mm                                 | 41.5   | 12.3 | 0    | RA    | 39.6   | 41.0 | 44.0 | 44.0 | 38.0 | 39.0 |
| Kozijn frame  | 0.78 m <sup>2</sup> | ko37    | kozijn  | Kozijn K3   | 44.5   | 9.3  | 1.5  | RA    | 36.8   | 31.0 | 34.0 | 34.0 | 39.0 | 44.0 |
| aansluiting g | 7.40 m              | na50    | naad    | Band en lat   | 47.3   | 6.6  | 2    | RA    | 49.8   | 37.0 | 48.0 | 56.0 | 60.0 | 65.0 |
| rooster       | 0.83 m              | sdu26ia | rooster | DucoLine 17 'ZR'  | 22.2   | 31.6 | --   | DneA  | 26.4   | 24.7 | 27.4 | 28.5 | 24.7 | 28.3 |
|               |                     |         |         | Celev. berekend   |        |      |      | Celev |        | 1.0  | 1.0  | 1.2  | 1.5  | 1.5  |
|               |                     |         |         | H: 4.5 m D: 7.0 m   |        |      |      | Cpos  |        | 2.0  | 1.5  | -0.5 | 0.0  | 0.0  |
|               |                     |         |         | Cpos: 2-hoeks 1 gevelzijde                                  |        |      |      |       |        |      |      |      |      |      |
|               |                     |         |         | Dv 0.2 m Dh 1.5 m   |        |      |      |       |        |      |      |      |      |      |
|               |                     |         |         | RqA: -1.2   |        |      |      |       |        |      |      |      |      |      |
|               |                     |         |         | Qv: 17.4 dm <sup>3</sup> /s debiet: 14.5 dm <sup>3</sup> /s |        |      |      |       |        |      |      |      |      |      |

De rekenmethode voorziet in veiligheidsmarges voor suskasten en roosters. Kolom Cvlg is voor deze materialen niet van toepassing

**Kopgevel**

|                             |             |                |  |   |      |      |      |      |      |      |      |
|-----------------------------|-------------|----------------|--|---|------|------|------|------|------|------|------|
| Su,gevel                    | 5.1         | m <sup>2</sup> |  |   | Cl   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |      |
| Cfs figuur ( NPR5272 )      | handinvoer  |                |  |   | Cfs  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |      |
| absorptie plafond           | --          |                |  |   |      |      |      |      |      |      |      |
| hoogte gesloten ballustrade | --          | m              |  | H | --   | m    |      |      |      |      |      |
| diepte balkon/galerij       | --          | m              |  | D | --   | m    |      |      |      |      |      |
| GA;k,gevel                  | <u>30.2</u> | dB             |  |   |      |      |      |      |      |      |      |
| GA,gevel                    | 30.3        | dB             |  |   | GA,g | 30.3 | 37.6 | 32.4 | 39.5 | 43.8 | 47.7 |
|                             |             |                |  |   | Gi,g |      | 23.6 | 22.4 | 32.5 | 39.8 | 41.7 |
| Lp,gevel                    | 23.7        | dB             |  |   | Lp,g | 23.7 | 16.4 | 21.6 | 14.5 | 10.2 | 6.3  |

| Gvdeel        | Afm.                | Cat.nr. | Msoort | Materiaal                                 | GA;k,p | Lp;p | Cvlg |    | totaal | 125  | 250  | 500  | 1000 | 2000 |
|---------------|---------------------|---------|--------|---|--------|------|------|----|--------|------|------|------|------|------|
| Dicht deel    | 0.91 m <sup>2</sup> | mw51b   | wand   | Steen. spouwmuur 400 kg/m <sup>2</sup>    | 58.3   | -4.5 | 1.5  | RA | 51.2   | 41.0 | 46.0 | 52.0 | 59.0 | 64.0 |
| glas          | 3.05 m <sup>2</sup> | gd27d   | glas   | 4/15/5 mm                                 | 30.6   | 23.2 | 0    | RA | 27.3   | 21.0 | 19.0 | 30.0 | 38.0 | 39.0 |
| Kozijn glasn: | 13.67 m             | na49    | naad   | Droge beglazing; band met/zonder topafdic | 46.2   | 7.6  | 0    | RA | 49.4   | 38.0 | 45.0 | 52.0 | 58.0 | 60.0 |
| Kozijn frame  | 1.14 m <sup>2</sup> | ko37    | kozijn | Kozijn K3                                 | 42.9   | 11.0 | 1.5  | RA | 36.8   | 31.0 | 34.0 | 34.0 | 39.0 | 44.0 |
| aansluiting g | 7.40 m              | na50    | naad   | Band en lat                               | 47.3   | 6.6  | 2    | RA | 49.8   | 37.0 | 48.0 | 56.0 | 60.0 | 65.0 |

De rekenmethode voorziet in veiligheidsmarges voor suskasten en roosters. Kolom Cvlg is voor deze materialen niet van toepassing

**Slaapkamer 2**

|               |             |                |  |  |    |      |      |      |      |      |
|---------------|-------------|----------------|--|--|----|------|------|------|------|------|
| Su,ruimte     | 8           | m <sup>2</sup> |  |  |    |      |      |      |      |      |
| <b>GA;k</b>   | <b>28.5</b> | <b>dB</b>      |  |  |    |      |      |      |      |      |
| GA;k, vereist | 19          | dB             |  |  |    |      |      |      |      |      |
| V             | 24.4        | m <sup>3</sup> |  |  |    |      |      |      |      |      |
| T,ref         | 0.5         | s              |  |  |    |      |      |      |      |      |
| <b>GA</b>     | <b>28.6</b> | <b>dB</b>      |  |  | GA | 35.9 | 31.0 | 37.9 | 38.9 | 42.4 |
| <b>Lp</b>     | <b>25.4</b> | <b>dB</b>      |  |  | Lp | 18.1 | 23.0 | 16.1 | 15.1 | 11.6 |

**kopgevel**

|                             |                  |      |      |      |      |      |           |
|-----------------------------|------------------|------|------|------|------|------|-----------|
| Su,gevel                    | 8 m <sup>2</sup> | Cl   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0       |
| Cfs figuur ( NPR5272 )      | handinvoer       | Cfs  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0       |
| absorptie plafond           | --               |      |      |      |      |      |           |
| hoogte gesloten ballustrade | -- m             | H    | -- m |      |      |      |           |
| diepte balkon/galerij       | -- m             | D    | -- m |      |      |      |           |
| GA;k,gevel                  | <u>28.5</u> dB   |      |      |      |      |      |           |
| GA,gevel                    | 28.6 dB          | GA,g | 28.6 | 35.9 | 31.0 | 37.9 | 38.9 42.4 |
|                             |                  | Gi,g |      | 21.9 | 21   | 30.9 | 34.9 36.4 |
| Lp,gevel                    | 25.4 dB          | Lp,g | 25.4 | 18.1 | 23.0 | 16.1 | 15.1 11.6 |

| Gvdeel        | Afm.               | Cat.nr. | Msoort | Materiaal                                 | GA;k,p | Lp;p | Cvlg |    | totaal | 125  | 250  | 500  | 1000 | 2000 |
|---------------|--------------------|---------|--------|---|--------|------|------|----|--------|------|------|------|------|------|
| Dicht deel    | 4.64 <sub>m2</sub> | mw51b   | wand   | Steen. spouwmuur 400 kg/m <sup>2</sup>    | 49.1   | 4.8  | 1.5  | RA | 51.2   | 41.0 | 46.0 | 52.0 | 59.0 | 64.0 |
| glas          | 2.41 <sub>m2</sub> | gd27d   | glas   | 4/15/5 mm                                 | 29.5   | 24.4 | 0    | RA | 27.3   | 21.0 | 19.0 | 30.0 | 38.0 | 39.0 |
| Kozijn glasn  | 15.20 <sub>m</sub> | na49    | naad   | Droge beglazing; band met/zonder topafdic | 43.6   | 10.4 | 0    | RA | 49.4   | 38.0 | 45.0 | 52.0 | 58.0 | 60.0 |
| Kier Raamhc   | 4.26 <sub>m</sub>  | k40     | kier   | O-profiel indrukking 3,5 mm               | 39.4   | 14.6 | 0    | RA | 39.6   | 41.0 | 44.0 | 44.0 | 38.0 | 39.0 |
| Kozijn raamf  | 0.20 <sub>m2</sub> | ko33    | kozijn | Kozijn K2                                 | 44.9   | 9.1  | 1.5  | RA | 33.3   | 26.0 | 28.0 | 34.0 | 36.0 | 40.0 |
| aansluiting g | 7.40 <sub>m</sub>  | na50    | naad   | Band en lat                               | 45.1   | 8.8  | 2    | RA | 49.8   | 37.0 | 48.0 | 56.0 | 60.0 | 65.0 |
| Kozijn frame  | 0.78 <sub>m2</sub> | ko37    | kozijn | Kozijn K3                                 | 42.4   | 11.6 | 1.5  | RA | 36.8   | 31.0 | 34.0 | 34.0 | 39.0 | 44.0 |

De rekenmethode voorziet in veiligheidsmarges voor suskasten en roosters. Kolom Cvlg is voor deze materialen niet van toepassing

**Slaapkamer 3**

|               |                       |    |      |      |      |      |      |
|---------------|-----------------------|----|------|------|------|------|------|
| Su,ruimte     | 6.1 m <sup>2</sup>    |    |      |      |      |      |      |
| <b>GA;k</b>   | <b>18.8</b> <b>dB</b> |    |      |      |      |      |      |
| GA;k, vereist | 19 dB                 |    |      |      |      |      |      |
| V             | 19.1 m <sup>3</sup>   |    |      |      |      |      |      |
| T,ref         | 0.5 s                 |    |      |      |      |      |      |
| <b>GA</b>     | <b>19.0</b> <b>dB</b> | GA | 30.4 | 27.7 | 29.5 | 21.4 | 28.0 |
| <b>Lp</b>     | <b>35.0</b> <b>dB</b> | Lp | 23.6 | 26.3 | 24.5 | 32.6 | 26.0 |

**Achtergevel**

|                             |                |      |      |      |      |      |           |
|-----------------------------|----------------|------|------|------|------|------|-----------|
| Su,gevel                    | 6.1 m2         | Cl   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0       |
| Cfs figuur ( NPR5272 )      | handinvoer     | Cfs  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0       |
| absorptie plafond           | --             |      |      |      |      |      |           |
| hoogte gesloten ballustrade | -- m           | H    | --   | m    |      |      |           |
| diepte balkon/galerij       | -- m           | D    | --   | m    |      |      |           |
| GA;k,gevel                  | <u>18.8</u> dB |      |      |      |      |      |           |
| GA,gevel                    | 19.0 dB        | GA,g | 19.0 | 30.4 | 27.7 | 29.5 | 21.4 28.0 |
|                             |                | Gi,g |      | 16.4 | 17.7 | 22.5 | 17.4 22   |
| Lp,gevel                    | 35.0 dB        | Lp,g | 35.0 | 23.6 | 26.3 | 24.5 | 32.6 26.0 |

| Gvdeel        | Afm.   | Cat.nr. | Msoort  | Materiaal                                 | GA;k,p | Lp;p | Cvlg |       | totaal | 125  | 250  | 500  | 1000 | 2000 |
|---------------|--------|---------|---------|---|--------|------|------|-------|--------|------|------|------|------|------|
| Dicht deel    | 3.55m2 | mw51b   | wand    | Steen. spouwmuur 400 kg/m2                | 49.1   | 4.7  | 1.5  | RA    | 51.2   | 41.0 | 46.0 | 52.0 | 59.0 | 64.0 |
| glas          | 1.73m2 | gd27d   | glas    | 4/15/5 mm                                 | 29.7   | 24.1 | 0    | RA    | 27.3   | 21.0 | 19.0 | 30.0 | 38.0 | 39.0 |
| Kozijn glasn  | 10.28m | na49    | naad    | Droge beglazing; band met/zonder topafdic | 44.1   | 9.7  | 0    | RA    | 49.4   | 38.0 | 45.0 | 52.0 | 58.0 | 60.0 |
| Kozijn raamf  | 0.21m2 | ko33    | kozijn  | Kozijn K2                                 | 43.4   | 10.3 | 1.5  | RA    | 33.3   | 26.0 | 28.0 | 34.0 | 36.0 | 40.0 |
| Kier Raamhc   | 4.40m  | k40     | kier    | O-profiel indrukking 3,5 mm               | 38.0   | 15.8 | 0    | RA    | 39.6   | 41.0 | 44.0 | 44.0 | 38.0 | 39.0 |
| Kozijn frame  | 0.58m2 | ko37    | kozijn  | Kozijn K3                                 | 42.5   | 11.3 | 1.5  | RA    | 36.8   | 31.0 | 34.0 | 34.0 | 39.0 | 44.0 |
| aansluiting g | 6.40m  | na50    | naad    | Band en lat                               | 44.6   | 9.2  | 2    | RA    | 49.8   | 37.0 | 48.0 | 56.0 | 60.0 | 65.0 |
| rooster       | 0.83m  | sdu27l  | rooster | DucoLine 10 'ZR'                          | 19.3   | 34.5 | --   | DneA  | 26.8   | 26.4 | 28.4 | 29.5 | 24.7 | 29.4 |
|               |        |         |         | Celev. berekend                           |        |      |      | Celev |        | 1.0  | 1.0  | 1.2  | 1.5  | 1.5  |
|               |        |         |         | H: 4.5 m D: 7.0 m                         |        |      |      | Cpos  |        | 2.0  | 1.5  | -0.5 | 0.0  | 0.0  |
|               |        |         |         | Cpos: 2-hoeks 1 gevelzijde                |        |      |      |       |        |      |      |      |      |      |
|               |        |         |         | Dv 0.2 m Dh 1.0 m                         |        |      |      |       |        |      |      |      |      |      |
|               |        |         |         | RqA: -2.9                                 |        |      |      |       |        |      |      |      |      |      |
|               |        |         |         | Qv: 10.7 dm3/s debiet: 8.9 dm3/s          |        |      |      |       |        |      |      |      |      |      |

De rekenmethode voorziet in veiligheidsmarges voor suskasten en roosters. Kolom Cvlg is voor deze materialen niet van toepassing