

Prestatieverklaring

Weeze zand 2/70 21-01-2026

| | |
|---|--|
| 1. Unieke identificatie | WE-02 WaDo |
| 2. Aanduiding | Zand 0/1 Conform NEN-EN 12620 (2002+A1 2008) Conform NEN-EN-13139 (2002/AC:2004) Conform NEN-EN-13242 (2002+A1:2007) |
| 3. Toepassing | Zand voor toepassing in beton, mortel, ongebonden en hydraulisch gebonden toepassingen |
| 4. Naam en contactadres fabrikant | Siemes GmbH & Co. Kommanditgesellschaft Sand-und Kiesbaggerei Hees 12 47652 Weeze (D) |
| 5. Naam en contactadres gemachtigde | Niet van toepassing |
| 6. Systeem voor de beoordeling en verificatie van de prestatiebestendigheid | Systeem 2+ |
| 7. Activiteit van de aangemelde certificatie instantie zoals vereist in de geharmoniseerde norm | De aangemelde certificatie instantie Kiwa Nederland B.V. (nr. 0956) heeft onder systeem 2+ de initiële inspectie van de productie-installatie en van de productie controle in de fabriek uitgevoerd en zal tevens de permanente bewaking, beoordeling en evaluatie van de productiecontrole op zich nemen. Op basis daarvan is het conformiteitscertificaat voor de productiecontrole in de fabriek verstrekt. Certificaatnummer: 0956-CPR-0849. |
| 8. Activiteit van de aangemelde certificatie instantie zoals vereist in de Europese Technische beoordeling | Niet van toepassing |

| 9. Aangegeven prestatie volgens | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|-----------------------------|-------------------|-----------------------------|--|--|--|--|--------------|--------------|--------------|---------------------------|-----------|--|--|--|---------------------------------|---------------|---|-------|---|-----------------------------------|----------------|---|---|---|-----------------------|-------------------------|---|---|---|----------------|------------------------|---|---|---|--|------------|---|---|---|-------------------------------------|----------------------------|---|---|---|--------------------------|-----------------|---|---|---|---------------------------|------------|---|---|---|------------------------------|------------|---|---|---|---|----------------|---|---|---|------------------------|----------|---|---|---|---------------------------|------------|---|---|---|--------------------------------------|-------------------|---|---|---|
| Essentiële kenmerken | <table border="1"> <thead> <tr> <th></th> <th>Prestaties</th> <th colspan="3">Beoordelingsdocument</th> </tr> <tr> <th></th> <th></th> <th>NEN-EN 12620</th> <th>NEN-EN 13139</th> <th>NEN-EN 13242</th> </tr> </thead> <tbody> <tr> <td>Categorie korrelgradering</td> <td align="center">G_{F85}</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Gehalte aan zeer fijn materiaal</td> <td align="center">$f_3 / Cat 1$</td> <td align="center">x</td> <td align="center">x <1%</td> <td align="center">x</td> </tr> <tr> <td>Kwaliteit van zeer fijn materiaal</td> <td align="center"><i>voldoet</i></td> <td align="center">x</td> <td align="center">x</td> <td align="center">x</td> </tr> <tr> <td>Dichtheid ρ_{rd}</td> <td align="center">$2,59 (\pm 0,1) Mg/m^3$</td> <td align="center">x</td> <td align="center">x</td> <td align="center">x</td> </tr> <tr> <td>Waterabsorptie</td> <td align="center">$0,1 (\pm 0,3) \% m/m$</td> <td align="center">x</td> <td align="center">x</td> <td align="center">x</td> </tr> <tr> <td>Vormvasthoudendheid-Krimp door uitdrogen</td> <td align="center"><i>NPD</i></td> <td align="center">x</td> <td align="center">-</td> <td align="center">-</td> </tr> <tr> <td>Alkali-silicareactiviteit (CUR 89).</td> <td align="center"><i>Potentieel reactief</i></td> <td align="center">x</td> <td align="center">x</td> <td align="center">-</td> </tr> <tr> <td>Chloride gehalte (% m/m)</td> <td align="center">$\leq 0,003 \%$</td> <td align="center">x</td> <td align="center">x</td> <td align="center">-</td> </tr> <tr> <td>In zuur oplosbaar sulfaat</td> <td align="center">$AS_{0,2}$</td> <td align="center">x</td> <td align="center">x</td> <td align="center">x</td> </tr> <tr> <td>Totaal zwavelgehalte (% m/m)</td> <td align="center"><i>NPD</i></td> <td align="center">x</td> <td align="center">x</td> <td align="center">x</td> </tr> <tr> <td>Bestanddelen die bindtijd en verharding van beton beïnvloeden</td> <td align="center"><i>voldoet</i></td> <td align="center">x</td> <td align="center">x</td> <td align="center">x</td> </tr> <tr> <td>Vorst/dooi bestandheid</td> <td align="center">F_{NR}</td> <td align="center">-</td> <td align="center">x</td> <td align="center">x</td> </tr> <tr> <td>Carbonaat gehalte (% m/m)</td> <td align="center"><i>NPD</i></td> <td align="center">x</td> <td align="center">-</td> <td align="center">-</td> </tr> <tr> <td>Vrijkomende gevaarlijke bestanddelen</td> <td align="center"><i>onverdacht</i></td> <td align="center">-</td> <td align="center">-</td> <td align="center">-</td> </tr> </tbody> </table> | | Prestaties | Beoordelingsdocument | | | | | NEN-EN 12620 | NEN-EN 13139 | NEN-EN 13242 | Categorie korrelgradering | G_{F85} | | | | Gehalte aan zeer fijn materiaal | $f_3 / Cat 1$ | x | x <1% | x | Kwaliteit van zeer fijn materiaal | <i>voldoet</i> | x | x | x | Dichtheid ρ_{rd} | $2,59 (\pm 0,1) Mg/m^3$ | x | x | x | Waterabsorptie | $0,1 (\pm 0,3) \% m/m$ | x | x | x | Vormvasthoudendheid-Krimp door uitdrogen | <i>NPD</i> | x | - | - | Alkali-silicareactiviteit (CUR 89). | <i>Potentieel reactief</i> | x | x | - | Chloride gehalte (% m/m) | $\leq 0,003 \%$ | x | x | - | In zuur oplosbaar sulfaat | $AS_{0,2}$ | x | x | x | Totaal zwavelgehalte (% m/m) | <i>NPD</i> | x | x | x | Bestanddelen die bindtijd en verharding van beton beïnvloeden | <i>voldoet</i> | x | x | x | Vorst/dooi bestandheid | F_{NR} | - | x | x | Carbonaat gehalte (% m/m) | <i>NPD</i> | x | - | - | Vrijkomende gevaarlijke bestanddelen | <i>onverdacht</i> | - | - | - |
| | Prestaties | Beoordelingsdocument | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | NEN-EN 12620 | NEN-EN 13139 | NEN-EN 13242 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Categorie korrelgradering | G_{F85} | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Gehalte aan zeer fijn materiaal | $f_3 / Cat 1$ | x | x <1% | x | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Kwaliteit van zeer fijn materiaal | <i>voldoet</i> | x | x | x | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dichtheid ρ_{rd} | $2,59 (\pm 0,1) Mg/m^3$ | x | x | x | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Waterabsorptie | $0,1 (\pm 0,3) \% m/m$ | x | x | x | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Vormvasthoudendheid-Krimp door uitdrogen | <i>NPD</i> | x | - | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Alkali-silicareactiviteit (CUR 89). | <i>Potentieel reactief</i> | x | x | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Chloride gehalte (% m/m) | $\leq 0,003 \%$ | x | x | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| In zuur oplosbaar sulfaat | $AS_{0,2}$ | x | x | x | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Totaal zwavelgehalte (% m/m) | <i>NPD</i> | x | x | x | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bestanddelen die bindtijd en verharding van beton beïnvloeden | <i>voldoet</i> | x | x | x | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Vorst/dooi bestandheid | F_{NR} | - | x | x | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Carbonaat gehalte (% m/m) | <i>NPD</i> | x | - | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Vrijkomende gevaarlijke bestanddelen | <i>onverdacht</i> | - | - | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

10. **De prestaties van het in de punten 1 en 2 omschreven product zijn conform de in punt 9 aangegeven prestaties. Deze prestatieverklaring wordt verstrekt onder de exclusieve verantwoordelijkheid van de in punt 4 vermelde fabrikant.**

Wessem, 21 januari 2026

Getekend:



J. Goossens directeur