



Leistungserklärung gemäß der Verordnung (EU) 305/2011

Declaration of performance according to Regulation (EU) 305/2011

Nr. / No. 03-2025

| | | |
|---|--|--|
| 1 | Eindeutiger Kenncode des Produkttyps / Unique identification code of the product-type | Modena 4.0 STS (UNI-1159 STS (FA)) / Modena 4.0 STS Ice Cream (UNI-1159 STS13 (FA) Ice Cream) / Modena 4.0 GTS Black (UNI-1159 GTS13 (FA) Black) / Modena 4.0 CTS Keramik Weiß (UNI-1159 CTS White (FA)) / Modena 4.0 CTS Keramik Schwarz (UNI-1159 CTS Black (FA)) / Turin 4.0 GTS (UNI-1159-LR GTS11 (FA)) / Turin 4.0 STS (UNI-1159-LR STS11 (FA)) / Turin 4.0 STS Mocca (UNI-1159-LR STS11 Mocca (FA)) / Turin 4.0 STS Mocca Deluxe (UNI-1159-LR STS11 Mocca (FA) Deluxe) Raumheizer für feste Brennstoffe ohne Warmwasseraufbereitung. EN13240:2001/A2:2004/AC:2007 |
| 2 | Verwendungszweck / Intended use | Raumheizung in Gebäuden ohne möglicher Heiz-, Brauchwassererwärmung |
| 3 | Hersteller / Trade mark | Accente International GmbH, Stresemannstr. 375 (Haus 11), 22761 Hamburg, service@accentehh.com , 040 607 709 110 |
| 4 | Gegebenenfalls Bevollmächtigter / Authorised representative | |
| 5 | System oder Systeme zur Bewertung und Überprüfung der Leistungsbeständigkeit des Bauproduktes gemäß Anhang V / <i>System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V</i> | System 3 |
| 6 | Das notifizierte Prüflabor hat nach System 3 die Erstprüfung durchgeführt / <i>The notified laboratory performed of the product type on the basis of type testing under system 3</i> | |
| | Prüflabor / Notified body | DBI Gastechnologisches Institut gGmbH Freiberg, D-09599 |
| | Prüflabor Nr. / notified body no. | 1721 |
| | Prüfbericht Nr. / test report no. | F 25/03/1156 |
| 7 | Harmonisierte technische Spezifikationen / harmonized technical specification | DIN EN 16510:1:2023 mit Teil -2-1 |
| | Wesentliche Merkmale / Essential characteristics | Leistung / performance |
| | Brandsicherheit / fire safety | Erfüllt / pass |
| | Brandverhalten / reaction to fire | A1 |
| | Tragfähigkeit / load bearing capacity | 46 Kg |
| | Abstand zu brennbaren Materialien / safety distance to combustible materials | Mindestabstand in mm / <i>minimum distances in mm</i> Hinten (d_r) / rear = 350 mm Seite (d_s) / sides = 350 mm Vorne (d_p) / front = 1300 mm Boden (d_b) / floor = 0 mm Decke (d_c) / ceiling = 750 mm Untere vordere Strahlungsbereich (d_l) / floor in front = 0 mm Seitliche vordere Strahlungsbereich (d_i) / side radiation area = 0mm |
| | Brandgefahr durch herausfallen von brennendem Brennstoff / risk of burning fuel falling out | Erfüllt / pass |

| | Reinigbarkeit / cleanability | Erfüllt / pass | | |
|---|--|---|---|--|
| | Emissionen von Verbrennungsprodukten / emission of combustion products | Erfüllt Bei Nennwärmeleistung, 13% O ₂ Für Holz: CO: 0,1% oder 1250mg/m ³ NOx: 200 mg/m ³ OGC: 120 mg/m ³ Staub: 40 mg/m ³ | Erfüllt Bei Nennwärmeleistung, 13% O ₂ Für Braunkohlebriketts: CO: 0,1% oder 1250mg/m ³ NOx: 300 mg/m ³ OGC: 120 mg/m ³ Staub: 40 mg/m ³ | |
| | Oberflächentemperatur / surface temperature | Erfüllt / pass | | |
| | Elektrische Sicherheit / electrical safety | Nicht zutreffend / NPD | | |
| | Freisetzung von gefährlichen Stoffen / Release of dangerous substance | keine Leistung festgestellt/NPD | | |
| | Max. Betriebsdruck / max. operation pressure | keine Leistung festgestellt/NPD | | |
| | Abgastemperatur bei Nennwärmeleistung / flue gas temperature at nominal heat output | 339°C für Holz 342°C für Braunkohlebriketts | | |
| | Mindestförderdruck der Rauchabzugs (bei NWL) / minimum flue draught (at nominal heat output) | 12 Pa | | |
| | Abgasmassenstrom (bei NWL) / flue gas mass flow (at nominal heat output) | 6,0 g/s für Holz 6,0 g/s für Braunkohlebriketts | | |
| | Brandsicherheit für Installation an den Schornstein / fire safety of installation to the chimney | T600-G | | |
| | Wärmeleistung und Energieeffizienz bei Nennwärmeleistung / thermal output and energy efficiency at nominal heat output | | | |
| | Nennwärmeleistung / nominal heat output | 6,5 kW für Holz 6,5 kW für Braunkohlebriketts | | |
| | Raumwärmeleistung / room heating output | 6,5 kW für Holz 6,5 kW für Braunkohlebriketts | | |
| | Wasserwärmeleistung / water heating output | NPD | | |
| | Wirkungsgrad / efficiency | $\eta \geq 75\%$ für Holz $\eta \geq 75\%$ für Braunkohlebriketts | | |
| | Raumheizungs-Jahresnutzungsgrad / Seasonal space heating efficiency | $\eta_s \geq 65\%$ für Holz $\eta_s \geq 65\%$ für Braunkohlebriketts | | |
| | Dauerhaftigkeit / durability | Erfüllt / pass | | |
| | Stromverbrauch bei Nennwärmeleistung / Electric power consumption at nominal heat output | NPD | | |
| | Leistungsaufnahme im Standby-Betrieb / Power consumption in standby mode | NPD | | |
| | Ökologische Nachhaltigkeit / Environmental sustainability | NPD | | |
| 8 | Die Leistung des vorstehenden Produkts entspricht der erklärten Leistung/den erklärten Leistungen. Für die Erstellung der Leistungserklärung im Einklang mit der Verordnung (EU) Nr. 305/2011 ist allein der oben genannte Hersteller verantwortlich. The achievement of the declared product corresponds to the explained achievement/to the explained achievements. The above mentioned manufacturer is responsible alone for the production of the achievement explanation in the harmony with the order (EU) no. 305/2011 | | | |

Unterzeichnet für den Hersteller und im Namen des Herstellers / signed for the manufacturer and on behalf of the manufacturer

Name / name

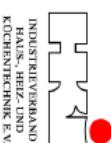
Ort und Datum / place and date of issue

Unterschrift / signature



Ökologische Nachhaltigkeitsinformation

auf Basis der Informationsmodule der EN 15804:2012+A2:2019



Berichtsnummer
HKI-ESI-25-0213

Berichtsdatum
13. März 2025
Gültig bis
13. März 2030

Hersteller
Accenté International GmbH
Stresemannstraße 375 (Haus 11)

22761 Hamburg
Deutschland

Vertretungsberechtigt
info@accentehh.com

Geräteinformationen

| | | | | | | |
|------------------|-------------------|------------|-------------------------|--|--|--|
| Modellname: | Modena 4.0 | | Gleichwertiges Gerät(e) | | | |
| angewendete Norm | EN 16510-2-1:2022 | | | | | |
| Gerätetyp | Raumheizer | Brennstoff | Scheitholz | | | |

Massen der Hauptkomponenten in kg

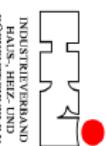
| | | | | | | |
|------------|--------|------------|--------|------------------|-------|--|
| Gusseisen | 7,100 | Naturstein | 25,000 | WEEE Komponenten | 0,000 | |
| Stahlblech | 74,000 | Kunststein | 20,000 | | | |

Massen des Hauptverpackungsmaterials in kg

| | | | | | | |
|---------------|--------|-------------|-------|--------|-------|--|
| Holzpalletten | 10.000 | Kunststoffe | 0,300 | Papier | 1.000 | |
|---------------|--------|-------------|-------|--------|-------|--|

Ökologische Nachhaltigkeitsinformation

auf Basis der Informationsmodule der EN 15804:2012+A2:2019



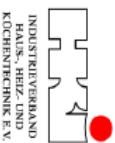
| Kernindikatoren | | | | | | | | | |
|---|------------------|-----------|----------|----------|----------|----------|----------|-----------|----------|
| Umweltwirkungen | Einheit | A1-A5 | B1-B3 | C1 | C2 | C3 | C4 | D | Gesamt |
| Resource use, minerals and metals (ADP-mm) | kg Sb-equiv. | 1,36E-01 | 5,37E-02 | 0,00E+00 | 1,35E-05 | 3,55E-05 | 2,81E-07 | 1,72E-05 | 1,89E-01 |
| Resource use, fossils (ADP-f) | MJ | 2,01E+05 | 5,70E+04 | 0,00E+00 | 8,04E+00 | 2,94E+01 | 1,94E+00 | -8,65E+02 | 2,57E+05 |
| Acidification (AP) | mol H+ equiv. | 1,52E+02 | 4,38E+01 | 0,00E+00 | 3,09E-03 | 2,45E-02 | 6,57E-04 | -3,91E-01 | 1,96E+02 |
| Eutrophication, freshwater (EP-fw) | kg P equiv. | 7,03E-02 | 3,52E-01 | 0,00E+00 | 5,38E-06 | 5,81E-04 | 1,11E-06 | -2,97E-03 | 4,20E-01 |
| Eutrophication marine (EP-m) | kg N equiv. | 6,64E+01 | 1,51E+01 | 0,00E+00 | 1,09E-03 | 6,23E-03 | 2,50E-04 | -7,71E-02 | 8,15E-01 |
| Eutrophication, terrestrial (EP-T) | mol N equiv. | 7,29E+02 | 1,76E+02 | 0,00E+00 | 1,20E-02 | 7,26E-02 | 2,45E-03 | -7,50E-01 | 9,04E+02 |
| Global warming potential - Biogenic (GWP-b) | kg CO2 equiv. | -1,24E+01 | 2,38E+04 | 0,00E+00 | 2,46E-04 | 1,25E+01 | 1,00E-01 | 2,42E+00 | 2,38E+04 |
| Global warming potential - Fossil (GWP-f) | kg CO2 equiv. | 1,47E+04 | 3,67E+03 | 0,00E+00 | 5,33E-01 | 2,65E+00 | 6,98E-02 | -1,39E+02 | 1,82E+04 |
| GWP - Land use and land use change (GWP-luluc) | kg CO2 equiv. | 6,53E+00 | 1,29E+01 | 0,00E+00 | 1,95E-04 | 2,37E-03 | 2,63E-05 | 4,43E-02 | 1,95E+01 |
| Global warming potential (GWP-total) | kg CO2 equiv. | 1,47E+04 | 2,75E+04 | 0,00E+00 | 5,34E-01 | 1,52E+01 | 1,70E-01 | -1,36E+02 | 4,21E+04 |
| Ozone depletion (ODP) | kg CFC 11 equiv. | 3,77E-03 | 3,38E-04 | 0,00E+00 | 1,18E-07 | 3,03E-07 | 2,82E-08 | -7,51E-07 | 4,06E-03 |
| Photochemical ozone formation - human health (POCP) | kg NMVOC equiv. | 2,03E+02 | 5,29E-01 | 0,00E+00 | 3,43E-03 | 1,94E-02 | 7,33E-04 | -2,86E-01 | 2,55E-02 |
| Water use (WDP) | m3 world equiv. | 3,28E+02 | 7,01E+02 | 0,00E+00 | 2,88E-02 | 3,77E-01 | 7,98E-02 | -1,92E+01 | 1,01E-03 |

| Zusätzliche Indikatoren | | | | | | | | | |
|---------------------------------------|-----------------|----------|----------|----------|----------|----------|-----------|-----------|----------|
| Umweltwirkungen | Einheit | A1-A5 | B1-B3 | C1 | C2 | C3 | C4 | D | Gesamt |
| Ecotoxicity, freshwater (EFP-fw) | CTUh | 1,33E+05 | 3,19E+05 | 0,00E+00 | 7,17E+00 | 7,25E+01 | 1,18E+00 | -2,39E+03 | 4,50E+05 |
| Human toxicity, cancer (HTP-c) | CTUh | 9,90E-06 | 6,11E-06 | 0,00E+00 | 2,33E-10 | 4,66E-09 | 3,00E-11 | -2,80E-07 | 1,57E-05 |
| Human toxicity, non-cancer (HTP-nc) | CTUh | 1,16E-02 | 2,80E-04 | 0,00E+00 | 7,84E-09 | 9,61E-08 | 9,93E-10 | 7,10E-06 | 1,19E-02 |
| Ionising radiation, human health (IR) | kBq U235 equiv. | 8,56E+02 | 3,85E+02 | 0,00E+00 | 3,37E-02 | 1,29E-01 | 8,08E-03 | -6,39E-01 | 1,24E-03 |
| disease incidence | 4,18E-03 | 5,11E-03 | 0,00E+00 | 4,80E-08 | 3,11E-07 | 1,27E-08 | -2,66E-06 | 9,28E-03 | |
| Particulate Matter (PM) | pt | 2,96E+04 | 1,00E-06 | 0,00E+00 | 6,97E+00 | 5,06E+01 | 4,20E+00 | -8,31E+02 | 1,03E-06 |
| Land use (SOP) | | | | | | | | | |



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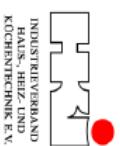


| Umweltwirkungen | Einheit | Parameter | | | | | | Gesamt | |
|--|---------|-----------|----------|----------|----------|----------|----------|-----------|----------|
| | | A1-A5 | B1-B3 | C1 | C2 | C3 | C4 | | |
| renewable primary energy ex. raw materials | MJ | 2,31E+03 | 1,88E+05 | 0,00E+00 | 1,01E-01 | 2,14E-01 | 1,49E-02 | -1,24E+02 | 1,90E+05 |
| renewable primary energy used as raw materials | MJ | 1,40E+02 | 0,00E+00 | 0,00E+00 | 0,00E+00 | 0,00E+00 | 0,00E+00 | -1,89E+01 | 1,21E+02 |
| renewable primary energy total | MJ | 2,45E+03 | 1,88E+05 | 0,00E+00 | 1,01E-01 | 4,07E+00 | 4,44E-02 | -1,43E+02 | 1,90E+05 |
| non-renewable primary energy ex. raw materials | MJ | 2,14E+05 | 6,01E+04 | 0,00E+00 | 8,54E+00 | 6,18E+00 | 5,65E-01 | -2,00E+01 | 2,74E+05 |
| non-renewable primary energy used as raw materials | MJ | 3,10E+01 | 0,00E+00 | 0,00E+00 | 0,00E+00 | 0,00E+00 | 0,00E+00 | -5,10E+00 | 2,59E+01 |
| non-renewable primary energy total | MJ | 2,14E+05 | 6,01E+04 | 0,00E+00 | 8,54E+00 | 3,13E+01 | 2,07E+00 | -2,26E+01 | 2,74E+05 |
| use of secondary material | Kg | 2,49E+00 | 0,00E+00 | 0,00E+00 | 0,00E+00 | 0,00E+00 | 0,00E+00 | 0,00E+00 | 2,49E+00 |
| use of renewable secondary fuels | MJ | 0,00E+00 | 0,00E+00 | 0,00E+00 | 0,00E+00 | 0,00E+00 | 0,00E+00 | 0,00E+00 | 0,00E+00 |
| use of non-renewable secondary fuels | MJ | 3,10E-03 | 0,00E+00 | 0,00E+00 | 0,00E+00 | 0,00E+00 | 0,00E+00 | 0,00E+00 | 3,10E-03 |
| use of net fresh water | M3 | 1,23E+01 | 3,97E+01 | 0,00E+00 | 9,80E-04 | 1,41E-02 | 2,12E-03 | -6,32E-02 | 5,19E+01 |
| hazardous waste disposed | Kg | 5,92E-01 | 1,42E-01 | 0,00E+00 | 2,04E-05 | 3,75E-05 | 1,86E-06 | 4,79E-06 | 7,33E-01 |
| non hazardous waste disposed | Kg | 6,59E+02 | 9,84E+02 | 0,00E+00 | 5,10E-01 | 9,89E-01 | 1,24E+01 | -2,57E-01 | 1,66E+03 |
| radioactive waste disposed | Kg | 1,38E+00 | 3,30E-01 | 0,00E+00 | 5,28E-05 | 1,64E-04 | 1,27E-05 | -6,59E-05 | 1,71E+00 |
| Components for re-use | Kg | 0,00E+00 | 0,00E+00 | 0,00E+00 | 0,00E+00 | 0,00E+00 | 0,00E+00 | 0,00E+00 | 0,00E+00 |
| Materials for recycling | Kg | 0,00E+00 | 0,00E+00 | 0,00E+00 | 0,00E+00 | 1,16E+02 | 0,00E+00 | 0,00E+00 | 1,16E+02 |
| Materials for energy recovery | Kg | 0,00E+00 | 0,00E+00 | 0,00E+00 | 0,00E+00 | 0,00E+00 | 0,00E+00 | 0,00E+00 | 0,00E+00 |
| Exported Energy Thermic | MJ | 0,00E+00 | 0,00E+00 | 0,00E+00 | 0,00E+00 | 0,00E+00 | 4,00E+01 | 4,00E+01 | 2,32E+01 |
| Exported Energy Electric | MJ | 0,00E+00 | 0,00E+00 | 0,00E+00 | 0,00E+00 | 0,00E+00 | 2,32E+01 | 2,32E+01 | 2,32E+01 |



Ökologische Nachhaltigkeitsinformation

auf Basis der Informationsmodule der EN 15804:2012+A2:2019



Berichtsnummer
HKI-ESI-25-0215

Berichtsdatum
13. März 2025
Gültig bis
13. März 2030

Hersteller

Accente International GmbH
Stresemannstraße 375 (Haus 11)
22761 Hamburg
Deutschland
info@accentehh.com

Geräteinformationen

| Modellname: | Turin 4.0 | Gleichwertige(s) Gerät(e) | |
|------------------|-------------------|---------------------------|------------|
| angewendete Norm | EN 16510-2-1:2022 | | |
| Gerätetyp | Raumheizer | Brennstoff | Scheitholz |

Massen der Hauptkomponenten in kg

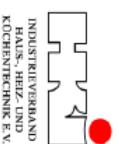
| | | | | | | | |
|------------|--------|------------|---------|------------------|-------|--|--|
| Gusseisen | 7,100 | Naturstein | 105,000 | WEEE Komponenten | 0,000 | | |
| Stahlblech | 68,000 | Kunststein | 20,000 | | | | |

Massen des Hauptverpackungsmaterials in kg

| | | | | | | |
|---------------|--------|-------------|-------|--------|-------|--|
| Holzpalletten | 10,000 | Kunststoffe | 0,300 | Papier | 1,000 | |
|---------------|--------|-------------|-------|--------|-------|--|

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auf Basis der Informationsmodule der EN 15804:2012+A2:2019



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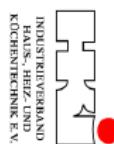
INDUSTRIEVERBAND
HAUS-, HEIZ- UND
KÜCHENTECHNIK E.V.

| Kernindikatoren | | | | | | | | | |
|---|------------------|-----------|----------|----------|----------|----------|----------|-----------|----------|
| Umweltwirkungen | Einheit | A1-A5 | B1-B3 | C1 | C2 | C3 | C4 | D | Gesamt |
| Resource use, minerals and metals (ADP-mm) | kg Sb-equiv. | 1,33E-01 | 5,37E-02 | 0,00E+00 | 1,86E-05 | 3,33E-05 | 4,70E-07 | -1,48E-06 | 1,87E-01 |
| Resource use, fossils (ADP-f) | MJ | 1,85E+05 | 5,70E+04 | 0,00E+00 | 1,11E+01 | 2,91E+01 | 2,44E+00 | -8,05E+02 | 2,42E+05 |
| Acidification (AP) | mol H+ equiv. | 1,40E+02 | 4,38E+01 | 0,00E+00 | 4,25E-03 | 2,38E-02 | 8,25E-04 | -3,64E-01 | 1,83E+02 |
| Eutrophication, freshwater (EP-fw) | kg P equiv. | 6,55E-02 | 3,52E-01 | 0,00E+00 | 7,39E-06 | 5,42E-04 | 1,29E-06 | -2,76E-03 | 4,15E-01 |
| Eutrophication marine (EP-m) | kg N equiv. | 6,11E+01 | 1,51E+01 | 0,00E+00 | 1,50E-03 | 6,19E-03 | 3,09E-04 | -7,23E-02 | 7,61E+01 |
| Eutrophication, terrestrial (EP-T) | mol N equiv. | 6,70E+02 | 1,76E+02 | 0,00E+00 | 1,65E-02 | 7,19E-02 | 3,09E-03 | -7,07E-01 | 8,46E+02 |
| Global warming potential - Biogenic (GWP-b) | kg CO2 equiv. | -1,31E+01 | 2,38E+04 | 0,00E+00 | 3,38E-04 | 1,25E+01 | 1,00E-01 | 2,30E+00 | 2,38E+04 |
| Global warming potential - Fossil (GWP-f) | kg CO2 equiv. | 1,35E+04 | 3,67E+03 | 0,00E+00 | 7,33E-01 | 2,63E+00 | 8,74E-02 | -1,29E+02 | 1,71E+04 |
| GWP - Land use and land use change (GWP-lulu) | kg CO2 equiv. | 6,44E+00 | 1,29E+01 | 0,00E+00 | 2,69E-04 | 2,22E-03 | 3,08E-05 | 4,00E-02 | 1,94E+01 |
| Global warming potential (GWP-total) | kg CO2 equiv. | 1,35E+04 | 2,75E+04 | 0,00E+00 | 7,34E-01 | 1,52E+01 | 1,88E-01 | -1,26E+02 | 4,09E+04 |
| Ozone depletion (ODP) | kg CFC 11 equiv. | 3,48E-03 | 3,38E-04 | 0,00E+00 | 1,62E-07 | 3,00E-07 | 3,55E-08 | -7,42E-07 | 3,82E-03 |
| Photochemical ozone formation - human health (POCP) | kg NMVOC equiv. | 1,87E+02 | 5,29E+01 | 0,00E+00 | 4,72E-03 | 1,92E-02 | 9,21E-04 | -2,68E-01 | 2,39E+02 |
| Water use (WUP) | m3 world equiv. | 3,05E+02 | 7,01E+02 | 0,00E+00 | 3,96E-02 | 3,62E-01 | 1,02E-01 | -2,25E+01 | 9,84E+02 |

| Zusätzliche Indikatoren | | | | | | | | | |
|---------------------------------------|-------------------|----------|----------|----------|----------|----------|----------|-----------|----------|
| Umweltwirkungen | Einheit | A1-A5 | B1-B3 | C1 | C2 | C3 | C4 | D | Gesamt |
| Ectotoxicity, freshwater (ETP-fw) | CTUh | 1,23E+05 | 3,19E+05 | 0,00E+00 | 9,86E+00 | 6,91E+01 | 1,52E+00 | -2,22E+03 | 4,39E+05 |
| Human toxicity, cancer (HTP-c) | CTUh | 9,12E-06 | 6,11E-06 | 0,00E+00 | 3,20E-10 | 4,55E-09 | 3,76E-11 | -2,59E-07 | 1,50E-05 |
| Human toxicity, non-cancer (HTP-nc) | CTUh | 1,16E-02 | 2,80E-04 | 0,00E+00 | 1,08E-08 | 9,07E-08 | 1,22E-09 | 6,54E-06 | 1,19E-02 |
| Ionising radiation, human health (IR) | kBq U235 equiv. | 7,93E+02 | 3,85E+02 | 0,00E+00 | 4,63E-02 | 1,26E-01 | 1,01E-02 | -6,11E-01 | 1,18E+03 |
| Particulate Matter (PM) | disease incidence | 3,97E-03 | 5,11E-03 | 0,00E+00 | 6,59E-08 | 3,07E-07 | 1,60E-08 | -2,51E-06 | 9,07E-03 |
| Land use (SOP) | Pt | 2,76E+04 | 1,00E+06 | 0,00E+00 | 9,59E+00 | 4,72E+01 | 5,24E+00 | -8,26E+02 | 1,03E+06 |

Ökologische Nachhaltigkeitsinformation

auf Basis der Informationsmodule der EN 15804:2012+A2:2019



| Umweltwirkungen | Einheit | Parameter | | | | | | Gesamt | |
|--|---------|-----------|----------|----------|----------|----------|----------|-----------|----------|
| | | A1-A5 | B1-B3 | C1 | C2 | C3 | C4 | | |
| renewable primary energy ex. raw materials | MJ | 2,28E+03 | 1,88E+05 | 0,00E+00 | 1,38E-01 | 5,21E-01 | 3,31E-02 | -1,24E+02 | 1,90E+05 |
| renewable primary energy used as raw materials | MJ | 1,40E+02 | 0,00E+00 | 0,00E+00 | 0,00E+00 | 0,00E+00 | 0,00E+00 | -1,89E+01 | 1,21E+02 |
| renewable primary energy total | MJ | 2,42E+03 | 1,88E+05 | 0,00E+00 | 1,38E-01 | 3,88E+00 | 4,68E-02 | -1,43E+02 | 1,90E+05 |
| non-renewable primary energy ex. raw materials | MJ | 1,97E+05 | 6,01E+04 | 0,00E+00 | 1,17E+01 | 1,36E+01 | 1,64E+00 | -2,43E+01 | 2,57E+05 |
| non-renewable primary energy used as raw materials | MJ | 3,10E+01 | 0,00E+00 | 0,00E+00 | 0,00E+00 | 0,00E+00 | 0,00E+00 | -5,10E+00 | 2,59E+01 |
| non-renewable primary energy total | MJ | 1,97E+05 | 6,01E+04 | 0,00E+00 | 1,17E+01 | 3,10E+01 | 2,59E+00 | -2,68E+01 | 2,57E+05 |
| use of secondary material | Kg | 2,49E+00 | 0,00E+00 | 0,00E+00 | 0,00E+00 | 0,00E+00 | 0,00E+00 | 0,00E+00 | 2,49E+00 |
| use of renewable secondary fuels | MJ | 0,00E+00 | 0,00E+00 | 0,00E+00 | 0,00E+00 | 0,00E+00 | 0,00E+00 | 0,00E+00 | 0,00E+00 |
| use of non-renewable secondary fuels | MJ | 3,10E-03 | 0,00E+00 | 0,00E+00 | 0,00E+00 | 0,00E+00 | 0,00E+00 | 0,00E+00 | 3,10E-03 |
| use of net fresh water | M3 | 1,18E+01 | 3,97E+01 | 0,00E+00 | 1,33E-03 | 1,40E-02 | 2,65E-03 | -1,70E-01 | 5,14E+01 |
| hazardous waste disposed | Kg | 5,49E-01 | 1,42E-01 | 0,00E+00 | 2,80E-05 | 3,80E-05 | 2,68E-06 | -3,25E-06 | 6,90E-01 |
| non hazardous waste disposed | Kg | 6,23E+02 | 9,84E+02 | 0,00E+00 | 7,01E-01 | 1,16E+00 | 1,58E+01 | -3,00E-01 | 1,62E+03 |
| radioactive waste disposed | Kg | 1,27E+00 | 3,30E-01 | 0,00E+00 | 7,25E-05 | 1,60E-04 | 1,60E-05 | -8,34E-05 | 1,60E+00 |
| Components for re-use | Kg | 0,00E+00 | 0,00E+00 | 0,00E+00 | 0,00E+00 | 0,00E+00 | 0,00E+00 | 0,00E+00 | 0,00E+00 |
| Materials for recycling | Kg | 0,00E+00 | 0,00E+00 | 0,00E+00 | 0,00E+00 | 1,87E-02 | 0,00E+00 | 0,00E+00 | 1,87E+02 |
| Materials for energy recovery | Kg | 0,00E+00 | 0,00E+00 | 0,00E+00 | 0,00E+00 | 0,00E+00 | 0,00E+00 | 0,00E+00 | 0,00E+00 |
| Exported Energy Thermic | MJ | 0,00E+00 | 0,00E+00 | 0,00E+00 | 0,00E+00 | 0,00E+00 | 4,00E+01 | 4,00E+01 | |
| Exported Energy Electric | MJ | 0,00E+00 | 0,00E+00 | 0,00E+00 | 0,00E+00 | 0,00E+00 | 2,32E+01 | 2,32E+01 | |