

BUILDING PRODUCT DECLARATION BPD 3

in compliance with the guidelines of the Ecocycle Council, June 2007

1 Basic data

| Product identification | | | | Document ID BPD3SV141218 |
|----------------------------------|---------------------|--|-------------|---------------------------------------|
| Product name SALVAVERDE A / B | FSALVVN | /ID designation 15050 (TYPE / 5858 (TYBE I | ۹) | Product group Turf reinforcement grid |
| New declaration | In the ca | se of a revise | d declarati | on |
| Revised declaration | Has the prochanged? | oduct been | The change | relates to |
| | ⊠ No | Yes | Changed pr | oduct can be identified by |
| Drawn up/revised on (date) 18/1 | 2/2014 | - | Inspected v | vithout revision on (date) |
| Other information: | | | | |
| 2 Supplier informatio | n | | | |

| Company name Geoplast s.p.a | | | Company reg. | no/DUNS no |
|--|-----------------|--------------|----------------|-----------------------------|
| Address Via Martiri dell | a Libertà | | Contact person | 1 |
| 6/8 | | | Telephone | +39 049 949 0289 |
| Website: www.geoplast.it | | | E-mail expo | ort@geoplast.it |
| Does the company have an envi | onmental manage | ment system? | Yes | ⊠ No |
| The company possesses certification in compliance with | ⊠ ISO 9000 | ☐ ISO 14000 | Other | If "other", please specify: |
| Other information: | | | | |

3 Product information

| Country of final manufacture Italy | If country of | cannot be sta | ted, please state why | 1 | |
|---|---------------------------|---------------|-----------------------|---------|-------|
| Area of use landscaping and const | ruction | | | | |
| Is there a Safety Data Sheet for this product? | | | ☐ Not relevant | ⊠ Yes | □No |
| In accordance with the regulations of the Swedish Chemicals Agency, please state: | Classificati Labelling | ion | | Not rel | evant |
| Is the product registered in BASTA? | | | | ⊠ Yes | □No |
| Has the product been | Yes | ⊠ No | If "yes", please spe | ecify: | |
| Is there a Type III environmental declaration for the | product? | | | Yes | ⊠ No |
| Other information: | | | | | |

4 Contents (To add a new green row, select and copy an entire empty row and paste it in)

| At the time of delivery, the product comprises the following parts/components, with the chemical composition stated: | | | | | | | |
|--|------------------------|------------------|--------------------------|---------------------|----------|--|--|
| Constituent materials/ components | Constituent substances | Weight % or g | EG no/ CAS no (or alloy) | Classifi- cation | Comments | | |
| Polyethylene Random | PE | 97-99 | 9002-88-4 | | inert | | |
| Other | | 1-3% | | | Pigment | | |
| | | | | | | | |

| Other information: | | | | | | | | |
|---|------------------------|------------------|--------------------------|---------------------|----------|--|--|--|
| If the chemical composition of the product after it is built in differs from that at the time of delivery, the content of the finished built in product should be given here. If the content is unchanged, no data need be given in the following table. | | | | | | | | |
| Constituent materials/ components | Constituent substances | Weight % or g | EG no/ CAS no (or alloy) | Classifi- cation | Comments | | | |
| | | | | | | | | |
| | | | | | | | | |
| Other information: | | | | | | | | |

5 Production phase

| Resource utilisation and envi | ironmental imi | nact during nro | duction o | f the i | item is reno | rted in | one of the following |
|--|--------------------------------------|--------------------------------------|-------------------------|------------------|-----------------------------|----------|-------------------------------|
| ways: | nonmentai mi | act during pro | duction o | i the | item is repo | i teu in | one of the following |
| 1) Inflows (goods, intermed outflows (emissions and | ediate goods, en l residual produ | ergy etc) for the cts) from it, i.e. | registered from "gat | d prod e-to-g | uct into the r ate". | nanuf | acturing unit, and the |
| 2) All inflows and outflow | s from the extra | action of raw ma | iterials to | finish | ed products i | .e. "cra | adle-to-gate". |
| 3) Other limitation. State | what: | | | | | | |
| The report relates to unit of proof the finished product in kg | | Reported p | product | | The product's uct group | 3 | The product's production unit |
| Indicate raw materials and in | termediate god | ods used in the r | nanufactu | re of t | he product | □N | lot relevant |
| Raw material/intermediate goo | ods | Quantity and u | ınit | | | Com | ments |
| PE pellets | | 97-99% in we | eight | | | | |
| other | | 1-3% in weig | | | | Pign | nent |
| | | | | | | J | |
| Indicate recycled materials us | sed in the manu | facture of the pr | oduct | | | □N | lot relevant |
| Type of material | | Quantity and u | ınit | | | Com | ments |
| PE polymer | | 97-99% in we | eight | | | | |
| | | | | | | | |
| Enter the energy used in the m | nanufacture of th | ne product or its | compone | nt part | ts | Пи | lot relevant |
| Type of energy | | Quantity and u | | | | Com | ments |
| Electricity | | 0.17 Kwh / kg | | | | | |
| , | | | | | | | |
| Enter the transportation used | in the manufac | ture of the produ | ict or its c | ompo | nent parts | □N | lot relevant |
| Type of transportation | | Proportion % | | • | • | Com | ments |
| road | | 100 | | | | | |
| | | | | | | | |
| Enter the emissions to air , wa component parts | ter or soil from | the manufactur | e of the pi | oduct | or its | ⊠N | ot relevant |
| Type of emission | | Quantity and u | ınit | | | Com | ments |
| | | | | | | | |
| | | | | | | | |
| Enter the residual products fr | om the manufac | cture of the prod | uct or its | compo | onent parts | | Not relevant |
| | | | Proporti | | cycled | | |
| | | | Materia | | Energy | | |
| Residual product | Waste code | Quantity | recycled | 1 % | recycled % | | Comments |
| Process scrap PE | 12 01 05 | <1% | 100 | | 0 | | 00% re-use for same |
| polymer | plastics shavings | | | | | a | application |
| | and | | | | | | |
| | turnings | | | | | | |
| | | | | | | | |
| Is there a description of the data accuracy for the | Yes | No No | If "yes" | , pleas | se specify: | | |

| manufacturing data? | | | | | | | | |
|---|--|---|---------------------------------------|--------------------------------|--------------------------------|--|--|---|
| Other information: | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| 6 Distribution of finis | shed nroc | luct | | | | | | |
| | | | | | ı | | | |
| Does the supplier put into practi product? | ice a system fo | r returning loa | ad carrier | s for th | e 🛛 N | Vot relevan | t Yes | ☐ No |
| Does the supplier put into practi | ica any system | e involving m | ulti usa n | ackanii | ng 🖂 N | lot relevan | t D Vac | □No |
| for the product? | | anivorving ili | ши-иs∈ р | ackagii | ε ∠ N | ot ielevan | t Yes | |
| Does the supplier take back pac | kaging for the | product? | | | | lot relevan | t Yes | ⊠ No |
| Is the supplier affiliated to REP. | A? | | | | | lot relevan | t Xes | □No |
| Other information: | | | | | | | | |
| Origin of raw material EU, ma | ainly Italy, Au | stria, Germa | ny: | | | | | |
| Pre consumer scrap plastic 6 | | | - | | | | | |
| Post consumer scrap plastic | | | | | | | | |
| Recycled Production scrap p | | | | | | | | |
| . 11 | | | | | | | | |
| 7 Construction phas | se | | | | | | | |
| - | | □ N 1 | | V | ⊠ N | IC" " | | |
| Are there any special requireme product during storage? | ants for the | ☐ Not relev | ant 🔲 | Yes | ⊠ No | If "yes", | please specify | y: |
| | | | ant 🔲 | Yes | No No | If "yes", | please specify | y: |
| Other information: | | | | | | | | |
| | | | | | | | | |
| 8 Usage phase | | | | | | | | |
| | | | | | 7 | | | |
| | ents for | V _C | , I I 🗸 | $\langle N_{\Omega} \rangle$ | If "yea" + | aleace aposifi | | |
| Does the product involve any sp intermediate goods regarding op | | | ☐ Yes | ; <u> </u> | ☑ No | If "yes", p | please specify | 1 |
| | peration and ma | aintenance? | Yes | | ∐ No | | please specify please specify | |
| intermediate goods regarding op Does the product have any speci | peration and maid energy supp | aintenance? | Yes | s E | ☐ No | If "yes", p | olease specify | r b): |
| intermediate goods regarding of Does the product have any spec requirements for operation? Estimated technical service life a) Reference service life | for the product | aintenance? bly t is to be enter | Yes | ding to | ☐ No | If "yes", p | options, a) of Comments | r b): |
| intermediate goods regarding of Does the product have any spectrequirements for operation? Estimated technical service life a) Reference service life estimated as being approx. | for the product | aintenance? bly t is to be enter 10 years | Yes | ding to | No one of the | If "yes", p | options, a) of Comments buried in t | r b): |
| intermediate goods regarding of Does the product have any spec requirements for operation? Estimated technical service life a) Reference service life | for the product | aintenance? bly t is to be enter 10 years | red accord | ding to | No one of the | If "yes", perfollowing ☐ >50 | options, a) of Comments | r b): grid the soil to |
| intermediate goods regarding of Does the product have any spectrequirements for operation? Estimated technical service life a) Reference service life estimated as being approx. | for the product | aintenance? bly t is to be enter 10 years | red accord | ding to | No one of the | If "yes", perfollowing ☐ >50 | options, a) or Comments buried in tact as | r b): grid the soil to |
| intermediate goods regarding of Does the product have any spec requirements for operation? Estimated technical service life a) Reference service life estimated as being approx. b) Reference service life estimated | for the product | aintenance? bly t is to be enter 10 years | red accord | ding to | No one of the | If "yes", perfollowing ☐ >50 | options, a) or Comments buried in tact as | r b): grid the soil to |
| intermediate goods regarding of Does the product have any spec requirements for operation? Estimated technical service life a) Reference service life estimated as being approx. b) Reference service life estimated | for the product | aintenance? bly t is to be enter 10 years | red accord | ding to | No one of the | If "yes", perfollowing ☐ >50 | options, a) or Comments buried in tact as | r b): grid the soil to |
| intermediate goods regarding of Does the product have any spec requirements for operation? Estimated technical service life a) Reference service life estimated as being approx. b) Reference service life estimated of the information: 9 Demolition | for the product 5 years ted to be in the | aintenance? oly t is to be enter 10 years interval of | red accord 15 years yea | ding to | one of the 25 ears | If "yes", perfollowing \$\square >50\$ years | options, a) or Comments buried in tact as reinforcen | r b): grid the soil to nent |
| intermediate goods regarding of Does the product have any spectrequirements for operation? Estimated technical service life a) Reference service life estimated as being approx. b) Reference service life estimated Other information: 9 Demolition Is the product ready for disasser | for the product 5 years ted to be in the | aintenance? bly t is to be enter 10 years | red accord 15 years yea | ding to | No one of the | If "yes", perfollowing ☐ >50 | options, a) or Comments buried in tact as reinforcen | r b): grid the soil to nent use specify: |
| intermediate goods regarding of Does the product have any spec requirements for operation? Estimated technical service life a) Reference service life estimated as being approx. b) Reference service life estimated of the information: 9 Demolition | for the product 5 years ted to be in the | aintenance? oly t is to be enter 10 years interval of | red accord 15 years yea | ding to | one of the 25 ears | If "yes", perfollowing \$\square >50\$ years | options, a) or Comments buried in tact as reinforcen | r b): grid the soil to ment use specify: parated |
| intermediate goods regarding of Does the product have any spec requirements for operation? Estimated technical service life a) Reference service life estimated as being approx. b) Reference service life estimated Other information: 9 Demolition Is the product ready for disasser apart)? | for the product 5 years ted to be in the | aintenance? oly t is to be enter 10 years interval of | red accord 15 years yea | ding to | one of the 25 ears | If "yes", perfollowing \$\square >50\$ years | options, a) or Comments buried in tact as reinforcen If "yes", pleamust be sep | r b): grid the soil to ment use specify: parated |
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| intermediate goods regarding of Does the product have any spec requirements for operation? Estimated technical service life a) Reference service life estimated as being approx. b) Reference service life estimated of the information: 9 Demolition Is the product ready for disasser apart)? Does the product require any sp to protect health and environme demolition/disassembly? | peration and maial energy supplied for the product | aintenance? oly t is to be enter 10 years interval of | Yes red accord 15 years yea | ding to ye | No one of the 25 ears | If "yes", perfollowing \$\sum_{>50}\$ years | options, a) or Comments buried in the act as reinforcen If "yes", please must be sepfrom soil when the content of the content | r b): grid the soil to ment ase specify: parated men |
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| intermediate goods regarding of Does the product have any spec requirements for operation? Estimated technical service life a) Reference service life estimated as being approx. b) Reference service life estimated of the information: 9 Demolition Is the product ready for disasser apart)? Does the product require any spector protect health and environmed demolition/disassembly? Other information: 10 Waste management of the possible to re-use all or part product? Is it possible to recycle material | peration and maial energy supplied for the product | is to be enter t is to be enter 10 years interval of Not rel Not rel | red accord S 15 years year levant | ding to ye ars | No one of the 25 ears Yes Yes | If "yes", perfollowing >50 years No No | options, a) or Comments buried in the act as reinforcent lif "yes", pleasure be sepfrom soil when when the dif "yes", pleasure be sepfrom soil when the diff "yes", | r b): grid the soil to ment ase specify: carated nen ase specify: ase specify: |

| | | I | | | | |
|---|---|---|--|--|-----------------------------------|---------------|
| Does the supplier have a recommendations for re- energy recycling or wast | use, materials or | Not relevant | Yes | ⊠ No | If "yes", ple | ase specify: |
| Enter the waste code for | the supplied product 1 | 20105 | | | | |
| Is the supplied product of | classed as hazardous wa | iste? | | | Yes | ⊠ No |
| If the chemical composit delivery, meaning that an If it is unchanged, the fo | nother waste code is giv | en to the finished built i | t in from th i n product, | at which it h then this sho | ad at the time ould be entered | of d here. |
| Enter the waste code for | the built in product | | | | | |
| Is the built in product cl | assed as hazardous was | te? | | | ☐ Yes | ⊠ No |
| Other information: | | | | | | |
| 11 Indoor environment when used as intended, to | | new green row, select and ce following emissions: | | | nd paste it in) does not have | e any |
| Type of emission | Quantity [µg/m²h] | or [mg/m³h] | Method | of | Comments | |
| 71 | | | Method of measurement | | Comments | |
| | 4 weeks | 26 weeks | measur | ement | | |
| | 4 weeks | 26 weeks | measure | ement | | |
| | 4 weeks | 26 weeks | measure | ement | | |
| | 4 weeks | 26 weeks | measure | ement | | |
| | 4 weeks | 26 weeks | measure | ement | | |
| | | 26 weeks | | | | |
| Can the product itself given | | 26 weeks | □ Not re | elevant | Yes | ⊠ No |
| Value | ve rise to any noise? | | □ Not re | elevant of measureme | | |
| <u> </u> | ve rise to any noise? | | □ Not re | elevant | | No No |
| Value Can the product give rise Value | ve rise to any noise? Un to electrical fields? | nit | ☐ Not re Method o | elevant of measureme | ent Yes | ⊠ No |
| Value Can the product give rise | ve rise to any noise? Un to electrical fields? | nit | ☐ Not re Method of Method of | elevant of measurement elevant | ent Yes | |
| Value Can the product give rise Value | ve rise to any noise? Un to electrical fields? | nit | ☐ Not re Method of Method of Method of Method of | elevant of measurement elevant of measurement | Yes Yes | ⊠ No |
| Value Can the product give rise Value Can the product give rise | ve rise to any noise? Une to electrical fields? Une to magnetic fields? | nit | ☐ Not re Method of Method of Method of Method of | elevant of measurement elevant of measurement elevant | Yes Yes | ⊠ No |

References

Appendices