

| SPECIFICATION | | Specification No. | G-240030C11-12 | | | | | | | | | | | |
|--|---|-------------------|--------------------------------|---------------|------------|------|------|-------------|-------------|---|--------------|--|------------------|------|
| | | Drawing No. | G-240030C11 | Revision | a | Page | 1/2 | | | | | | | |
| Product Name | BIO SAN-EARTH BC1 | Enactment Date | 2024/08/20 | Revision Date | 2024/09/24 | | | | | | | | | |
| | | Drawing Section | Product Development Department | | | | | | | | | | | |
| <p>1.General</p> <p>This product is a grounding resistance reducing material used for grounding electrode burying work. Biomass materials and cement are the main components of this material, and it is a concrete-based reducing material with conductivity. Basically, ground wires are laid in the excavation ditch and sprayed so as to wrap the ground wire while the powder remains, moisture in the soil is absorbed and a conductive concrete grounding body is formed to obtain grounding resistance. It can also be mixed with water and used for boring grounding methods, etc.</p> | | | | | | | | | | | | | | |
| <p>2.Environment</p> <p>2.1 Location : Outdoor</p> <p>2.2 Rated temperature :0°C~60°C</p> | | | | | | | | | | | | | | |
| <p>3.Structure</p> <p>3.1 Appearance, Structure and Dimensions</p> <p>The appearance, construction, and dimensions depend on G-240030A11 of the appearance drawings.</p> <p>3.2 Marking</p> <p>(1) Product Name (2) GRADE (3) Weight (4) Company Name (5) Precautions</p> | | | | | | | | | | | | | | |
| <p>4.Performance</p> <p>The performance of the BIO SAN-EARTH BC1 is shown in Table 1.</p> | | | | | | | | | | | | | | |
| <p>Table 1</p> <table border="1"> <thead> <tr> <th>Item</th> <th>Performance</th> </tr> </thead> <tbody> <tr> <td>Resistivity</td> <td>50 Ω·cm (0.5 Ω·m) or less The measurement method is in accordance with IEC62561-7.</td> </tr> <tr> <td>Bulk density</td> <td>About 0.6 Measured by packing in a container in powder condition.</td> </tr> <tr> <td>Packaging weight</td> <td>19kg</td> </tr> </tbody> </table> | | | | | | | Item | Performance | Resistivity | 50 Ω·cm (0.5 Ω·m) or less The measurement method is in accordance with IEC62561-7. | Bulk density | About 0.6 Measured by packing in a container in powder condition. | Packaging weight | 19kg |
| Item | Performance | | | | | | | | | | | | | |
| Resistivity | 50 Ω·cm (0.5 Ω·m) or less The measurement method is in accordance with IEC62561-7. | | | | | | | | | | | | | |
| Bulk density | About 0.6 Measured by packing in a container in powder condition. | | | | | | | | | | | | | |
| Packaging weight | 19kg | | | | | | | | | | | | | |
| <p>NOTE) Temperature/humidity is 20±15°C in the standard temperature condition of JIS Z 8703 (standard condition of the test site), Standard humidity condition: 65±20%</p> | | | | | | | | | | | | | | |

| SPECIFICATION | | Specification No. | G-240030C11-12 | | | | | | | | | | | | | | | | |
|--|---------------------|----------------------------------|--------------------------------|---------------|------------|------|-----|------|-----------------|----------------------------------|-------------|---------------------|----------------------|------------------|---------------------|----------------|------------|---------------------|----------------|
| | | Drawing No. | G-240030C12 | Revision | a | Page | 2/2 | | | | | | | | | | | | |
| Product Name | BIO SAN-EARTH BC1 | Enactment Date | 2024/08/20 | Revision Date | 2024/09/24 | | | | | | | | | | | | | | |
| | | Drawing Section | Product Development Department | | | | | | | | | | | | | | | | |
| 5.Inspection | | | | | | | | | | | | | | | | | | | |
| Table 2 shows the product inspection of the BIO SAN-EARTH BC1. | | | | | | | | | | | | | | | | | | | |
| Table 2 | | | | | | | | | | | | | | | | | | | |
| <table border="1"> <thead> <tr> <th>Item</th><th>Inspection type</th><th>How to check for Characteristics</th></tr> </thead> <tbody> <tr> <td>Resistivity</td><td>Sampling Inspection</td><td>According to Table 1</td></tr> <tr> <td>Packaging weight</td><td>Sampling Inspection</td><td>More than 19kg</td></tr> <tr> <td>Appearance</td><td>Sampling Inspection</td><td>By G-240030A11</td></tr> </tbody> </table> | | | | | | | | Item | Inspection type | How to check for Characteristics | Resistivity | Sampling Inspection | According to Table 1 | Packaging weight | Sampling Inspection | More than 19kg | Appearance | Sampling Inspection | By G-240030A11 |
| Item | Inspection type | How to check for Characteristics | | | | | | | | | | | | | | | | | |
| Resistivity | Sampling Inspection | According to Table 1 | | | | | | | | | | | | | | | | | |
| Packaging weight | Sampling Inspection | More than 19kg | | | | | | | | | | | | | | | | | |
| Appearance | Sampling Inspection | By G-240030A11 | | | | | | | | | | | | | | | | | |
| NOTE) Temperature and humidity shall be $20\pm15^{\circ}\text{C}$ in the standard temperature condition and $65\pm20\%$ in the standard humidity condition of JIS Z 8703 (standard condition of the test site). Sampling inspection is conducted once for the first one bag of one lot at the time of production. | | | | | | | | | | | | | | | | | | | |
| 6.Packaging | | | | | | | | | | | | | | | | | | | |
| Packaged in a 3-layer structure (2-layer kraft paper + polyethylene sheet). | | | | | | | | | | | | | | | | | | | |
| 7.Quality Assurance Period and Content of Assurance | | | | | | | | | | | | | | | | | | | |
| The warranty period for this product is one year from the date of delivery. The failure that occurred during this time will be replaced with a non-defective product only if the cause is clearly deemed to be our responsibility. We do not accept any expenses incurred for replacement. In addition, this product has been shipped after rigorous in-house inspection. However, please contact the distributor or each branch office from whom you purchased this product for any trouble caused by a malfunction caused by a manufacturing defect or an accident during transportation. | | | | | | | | | | | | | | | | | | | |
| However, the warranty does not apply in the following cases: | | | | | | | | | | | | | | | | | | | |
| <ol style="list-style-type: none"> ① When the product is used under conditions exceeding those stated in the specifications. ② In the event of an earthquake, typhoon, eruption, flood, tsunami, lightning strike, snow damage, freezing due to abnormal low temperatures, or other natural disasters ③ When caused by changes in geology or topography, such as ground fluctuations or landslides ④ Cases resulting from external factors such as fire, explosion, collision, corrosive gas, or contact with flying objects ⑤ Cases arising from acts of a third party ⑥ Modified irrespective of our company or caused by secondary works. ⑦ When the foundation or mounting pole (outside our work area) is damaged or improperly installed ⑧ The failure or failure of the equipment connected to this product ⑨ If it occurs without performing inspection and action for maintenance items recommended by us ⑩ Purchased Goods shall be within the scope of such warranty. | | | | | | | | | | | | | | | | | | | |
| 8.Other Precautions | | | | | | | | | | | | | | | | | | | |
| <ol style="list-style-type: none"> ① Because it contains cement, use rubber gloves, masks, etc. to handle it. If it gets on your skin, wash it off with water. ② As with ordinary cement products, store them in a well-ventilated place with water, etc., by placing pallets, etc., and avoid placing them directly on them. | | | | | | | | | | | | | | | | | | | |