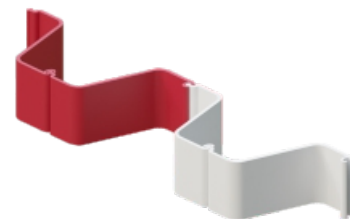
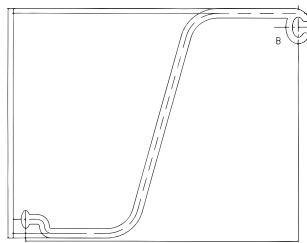


PVC ECOLOGICAL BARRIER SYSTEM EPZ



EPZ-25/21/9,5

| | unit | value |
|-----------------------------|-----------------|----------|
| Width | mm | 250 |
| Height | mm | 210 |
| Thickness | mm | 9,5 |
| Moment of inertia 1m | cm ⁴ | 12847,02 |
| Section modulus 1m | cm ³ | 1078,96 |
| Maximum bending moment 1m | kN-m | 47,47 |
| Allowable bending moment 1m | kN-m | 23,74 |



Number of pieces / 1 running meter: 4

MATERIAL PROPERTIES

| | Characteristic | Unit | Requirement | Required Norm |
|----|-------------------------------|-------------------|-----------------|-----------------------|
| 1 | Density | g/cm ³ | 1,45 ± 5% | PN-EN ISO 1183-3:2003 |
| 2 | Tensile strength | Mpa | ≥44 | PN-EN ISO 527-2:2012 |
| 3 | Tensile modulus of elasticity | Mpa | ≥2700 | PN-EN ISO 527-2:2012 |
| 4 | Bending modulus of elasticity | Mpa | ≥2800 | PN-EN ISO 178:2011 |
| 5 | Shear strength | Mpa | ≥40 | ASTM D 732-17 |
| 6 | Flexural strength | Mpa | ≥70 | PN-EN ISO 178:2011 |
| 7 | Shore D hardness | Shore'a D | ≥72 | PN-EN ISO 868:2005 |
| 8 | Water absorption | % | ≤0,03 | PN-EN ISO 62:2008 |
| 9 | Vicat softening temperature | °C | ≥81 | PN-EN ISO 306:2014-02 |
| 10 | Charpy impact test | kJ/m ² | ≥30 | PN-EN ISO 179-1:2010 |
| 11 | Aging resistance | % | ≥4 in greyscale | PN-EN 20105-A03:1996 |