



# HARTVINYL ATRIA RELAX

## Technisches Datenblatt

### SPC Technical Specification

| PHYSICAL FEATURES                                           | NORMATIVE REFERENCE/TEST                             | RESULTS CLASSIFICATION                                          | CONCLUSION                        |
|-------------------------------------------------------------|------------------------------------------------------|-----------------------------------------------------------------|-----------------------------------|
| Product type                                                |                                                      | Stone and polymer<br>composit 4mm product +<br>1mm XPE underlay |                                   |
| Board dimension                                             |                                                      | 1522 x 225 x 5 mm                                               |                                   |
| Wear layer                                                  |                                                      | 0.50 mm                                                         |                                   |
| Intended use                                                |                                                      | Flooring                                                        |                                   |
| Office Chair                                                | EN 16511/EN15468                                     | 25000 cycles (without pad)                                      | Class 33                          |
| Anti-slip                                                   | DIN 51130:2014-02                                    | R9                                                              | PASSED                            |
| Slip Resistance                                             | D.M 14 june 1989 n.236/<br>B.CR.A.Method D.M 14 june | Class DS                                                        | PASSED                            |
| Reaction to fire                                            | EN 14041/EN 717-1:2004<br>"EN 13501-1:2007           | 140 Bfl-s1                                                      | Bfl-s1                            |
| Emissions of<br>formaldehyde                                | EN 14041/EN 717-1:2004                               | Not detected (<MDL)<br>MDL=1.5 mg/m3                            | Class E1                          |
| Phtalato Content                                            | EN 14372                                             | Not detected                                                    | PASSED                            |
| Water absorption                                            | EN16511/ISO 24336                                    | 0.50%                                                           | -                                 |
| All tested SVHCs (174<br>articles) regarding<br>achievement | Regolamento Europeo<br>No.1907/2006/Spectometria     | Not detected (lower than<br>RL)                                 | in accordance with<br>regulations |
| PCP content                                                 | EN 14041/EN 12673                                    | Not detected (<MDL)<br>MDL=0.05mg/kg                            | PASSED                            |
| Lead content                                                | CPSIA/CPSC-CH-E1002-08.3                             | Not detected (<MDL)<br>MDL=100 mg/kg                            | Meet children toy<br>regulation   |
| Color stability in artificial lig                           | EN 13329/ISO 105-B02:2014                            | >Grade 6                                                        | PASSED                            |
| Analysis of VOC (Volatile<br>ganic Compounds)<br>content    | Decreto No2011-321<br>FloorScore /ISO 16001          | Not detected                                                    | A+                                |





## HARTVINYL ATRIA RELAX

### Technisches Datenblatt

| PHYSICAL FEATURES                              | NORMATIVE REFERENCE/TEST                | RESULTS CLASSIFICATION                                 | CONCLUSION                                           |
|------------------------------------------------|-----------------------------------------|--------------------------------------------------------|------------------------------------------------------|
| Dimensional stability and ling                 | EN16511/EN ISO 23999:2012               | Curling $\leq 1\text{mm}$<br>Dimensional change:       | -                                                    |
| Heat Resistance                                | EN 14041/EN ISO 10456                   | 0.1- 0.09(m <sup>2</sup> K)W                           | Suitable for under-flooring heating system -max 27°C |
| Thermal conductivity                           | EN 14041/EN 12667                       | 0.04 - 0.045(m <sup>2</sup> K)W                        | Suitable for under-flooring heating system -max27°C  |
| Cleanability: resistance to stains             | EN 16511/EN 438-2:2005                  | No visible change after 10 minutes in contact with     | PASSED                                               |
| Scratch resistance                             | ISO 1518-1                              | >2300g                                                 | PASSED                                               |
| Determination of peel resistance               | EN ISO 24345                            | length direction:80N/50mm<br>width direction:75N/50 mm | PASSED                                               |
| Degree of abrasion resistance                  | UNI EN 13329:20171<br>UNI EN 15185:2011 | "IP"Initial wear point>6000 Turns                      | Abrasion resistance class: AC5                       |
| Degree of wear resistance                      | EN16511/ISO24338                        | > 5000 cycles                                          | Class 33                                             |
| Residual indentation                           | EN 16511/<br>EN 433/ISO 24343-1         | 0.08 mm                                                | Class 34                                             |
| Impact resistance                              | EN 16511/EN 13329                       | >1800 mm                                               | Class 34                                             |
| Weighted improvement of impact soundinsulation | ISO 10140-3.2021/<br>ISO717-2:2020      | 15 dB                                                  | PASSED                                               |
| Locking strenght                               | EN 16511/ISO 24334                      | Long side:3.2 KN/m<br>Short side:3.4 KN/m              | PASSED                                               |

