# HDMAGIC RUBBER TILE

TECHNICAL DATA SHEET

HDM KAUÇUK ZEMİN KAPLAMA SPOR EKİPMANLARI
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**1. PRODUCT NAME:** HDMAGIC

**2. PRODUCT CODE:** HDMAGIC-01

**3. DEFINITION:** HDMAGIC is a 100X100X2cm rubber tile.
It consists of two layers: 18mm consists entirely of 0.5- 2.5mm SBR granules, while 2mm consists completely of EPDM.
The product is produced by laminating a 2mm layer to the SBR surface with the hot press production technique (160°C- 200°C temperature, 400 tons (133 tons/sqm) pressure). The product contains 6% anticarcinogenic polyurethane-based binder.

**4. TECHNICAL FEATURES**

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| **a. Size:** | Width: 100 cm | Tolerance (±) | %0,5 |
| | Length: 100 cm | | %0,5 |
| | Thickness: 2 cm | | %0,5 |
| **b. Weight:** | 18 Kg | | %2 |
| **c. Density:** | 900 kg/m3 | | %2 |
| **d. Binder Rate:** | %6 (1,08 kg) | | %1 |
| **e. Color:** | Black (Custom Preference) | | |
| **f. Other Features:** | To prevent dispersion on the upper surface of the product and extend its service life, It has a beveled edge of 3mm width at an angle of 45 degrees. Anti-slip, Shock and Sound absorbing, Impact protection, | | |

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| **Color Options** | https://hdmkaucuk.com/epdm-granuller/ |
| **Thickness Options** | 20,25,30,40 mm |
| **Acoustic Test** | Impact sound insulation: 26 dB (ISO 10140) |

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| **FIRE RESISTANE** | It has been examined according to TS EN 71-2 and complies with (Part 2: Flammability). |

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| **PHTALATE TEST** | It has been examined according to TSE EN ISO / IEC 17025 and the test result is positive.<br>Note 1: The evaluation was made according to the Regulation on Restriction and Prohibition of Hazardous Substances and Mixtures dated 21.11.2014 and numbered 27092 repeated.<br>Note 2: Analyses were performed using GC-MS device after solvent extraction.<br>Note 3: LAB-D-7-DTL-024 numbered test method was used. |

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| **TEST FOR MIGRATION OF CERTAIN ELEMENTS** | TS EN 71-3 / TS EN 71-3- Safety of toys- Part 3: The result of the Migration of Certain Elements Test is suitable in terms of the tests performed.<br><br>Note 1: Analyses other than chromium (VI) were performed by ICP OES and/or ICP MS.<br>Note 2: Chromium (VI) analyses were performed with the Ion Chromatography device integrated into the ICP-MS device and are not included in the scope of accreditation.<br>Note 3: Since the amount of tin in the analyzed product was lower than the organic tin limit, it was concluded that the product was suitable in terms of organic tin content. |

- **OUR PRODUCTS AND FACTORY HAVE TSE TS EN 1177+AC- TS EN 1176-1, ISO 9001- ISO 14001 AND 45001 CERTIFICATES APPROVED BY TÜRKAK.**
- **OUR PRODUCTS AND OUR FACTORY HAVE VOC AND CЄ CERTIFICATES.**
- **OUR CERTIFICATES ARE APPROVED BY TURKISH ACCREDITATION INSTITUTION/TÜRKAK.**
- **AS A RESULT OF THE PAH TEST OF OUR PRODUCTS, IT HAS BEEN DETERMINED THAT THEY DO NOT CONTAIN CARCINOGENIC SUBSTANCES.**

**5. AREAS OF USE:**

- Indoors
- Yoga and Pilates Studios
- Sports areas where spiked shoes and hard/heavy sports equipment are not used
- Indoor Playgrounds
- Nursery, Schools
- Recreation Centers
- Terrace and balconies

**6. INSTALLATION AND MAINTENANCE:**

The area to be applied should be smooth, flat, dry, and clean.
No adhesive or connection is required during application.
It is recommended to keep the products in the application area for 48-72 hours before application.
Products should not be contacted with cutting and piercing objects.
It should not be used in humid environments for a long time.
Chemical substances should not be used during cleaning.
Use a vacuum cleaner to remove dirt, dust, and foreign objects.
Special attention should be paid to cleaning the joint points.
No chemicals should be used during cleaning.
Wiping should be done with mops that are not too wet.

**7. WARRANTY:**
Products are guaranteed for 2 years under correct use and application conditions.

**8. PACKAGING AND STORAGE:**
Products are transported by pallet.
Wrapped with waterproof polyethylene film.
Protect from direct sunlight and harsh weather conditions before application.

**9. PICTURES:**

