

CCI CORK BOARD

CARBONIZED CORK GRANULES

PRODUCT DESCRIPTION:

Introducing our eco-friendly Algerian Carbonized Cork Granules Cork Board that is meticulously crafted from top-quality cork granules sourced directly from Algeria. Engineered with precision, each cork granule is carefully carbonized to enhance durability and resilience, ensuring a long-lasting and sustainable solution for your organization needs. The innovative self-healing surface of our cork board effortlessly absorbs pinholes, preserving its pristine appearance even after repeated use. This feature not only maintains the board's aesthetic appeal but also guarantees its functionality for years to come. Designed for versatility, our cork board seamlessly integrates into any environment, whether it's a busy office setting or a cozy home space. Its natural texture and warm earthy tones add a touch of sophistication to any room while providing a practical canvas for displaying notes, memos, and photographs.

ADVANTAGES:

- Excellent performance at thermal and acoustic insulation
- Excellent mechanical resistance
- Excellent system inertia
- Dimensional stability of the material
- High durability without loss of features
- Healthier natural product
- Comfort with healthy insulation
- Excellent breath-ability
- Allows energy savings
- Long-term effectiveness

ROOF APPLICATION:

- Thermal and acoustic insulation of pitched roofs for insulation corkboard above slab. Ideal for non-visible attics.
- Thermal and acoustic insulation of flat roofs, visible or not, with insulation corkboard.
- Thermal and acoustic insulation of green roofs, visible or not, with insulation corkboard.
- Thermal and acoustic insulation of roofs with insulation corkboard above rafters.
- Thermal and acoustic insulation of pitched roofs with insulation corkboard between rafters.
- Thermal and acoustic insulation of pitched roofs with insulation corkboard between slab and roof.

FLOOR APPLICATION:

- Thermal insulation for underfloor electrical heating systems using insulation corkboard and still promoting sound insulation. Thermal and acoustic percussion noise insulation with insulation corkboard acting simultaneously as insulation against percussion noises and reducing thermal losses.
- Thermal insulation for underfloor heating systems and hot water tubes using insulation corkboard and still promoting sound insulation
- Unlinking screed filter to the wall with insulation corkboard acting simultaneously as insulation against percussion noises and reducing vibrations.

WALL APPLICATION:

Thermal insulation for wall is to play the role of heat preservation, moisture-proof and sound insulation.

TECHNICAL PARAMETERS:

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| Raw Material | 100% Algerian Carbonized Cork Granules + SGS Eco-friendly glue |
| Density, kg/m³ | 140-150, 170-180, or customized |
| Size, mm | 950x640, 1000x500, or customized |
| Thickness, mm | 10~50, or customized |
| Thermal Conductivity, W/m.K | ≥0.04 W/m.K |
| Compressive Strength, kPa | Compression resistance of 10% compression ratio ≥100kPa |