

BLACK MAGIC

ICE & SNOW MELTER

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PRODUCT

Black Magic Ice & Snow Melter is a highly processed angular grit prepared by selective screening of coal slag resulting in clean, sharp particles of uniform consistency. It is designed to economically melt snow and ice that may cause turf loss due to extended or excessive snow or ice cover. Black Magic Ice and Snow Melter does not contain any ingredients that require classification under WHMIS regulations. The low crystalline silica content (<0.2%) is a significant benefit in situations where other products are not acceptable for environmental and safety reasons.



USES

- When applied over the top of snow and ice, Black Magic Ice Melter absorbs the sun's energy and radiates heat and increasing the surface temperature to melt snow and ice more quickly.
- Once the snow and ice are gone, Black Magic Ice Melter disappears into the turf, because of its particle size, uniformity and consistency, similar to top dressing sand, eliminating the need for cleanup.

ADVANTAGES

- Reduces or eliminates the need for mechanical snow removal.
- Reduces labour costs associated with snow and ice removal.
- Melts snow and ice off covers without risking damage from snow removal equipment.
- Only needs the sun to melt snow and ice in sub-freezing weather. Tests indicate dark coloured ice melters increase the surface temperature 20% greater than salt based ice melters.
- Even where the ice isn't completely melted, the sand particles will melt their way through providing openings for gas to escape and moisture to penetrate.
- It is a permanent black colour that does not fade or bleed out ensuring continued effectiveness.

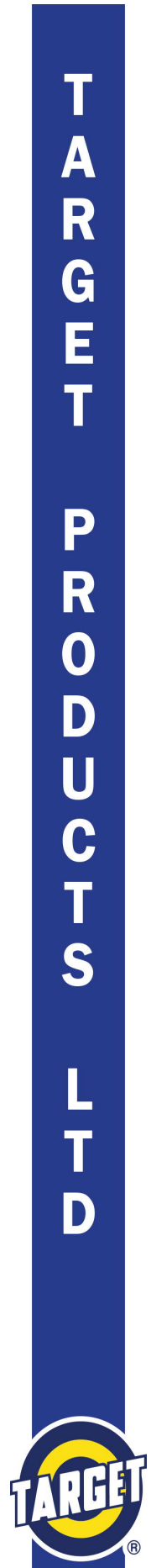
PHYSICAL PROPERTIES

Colour	Black
Grain Shape	Angular
Hardness, Moh	6.5 - 7
Bulk Density	90 - 95 lb/ft ³ (1,422 - 1,522 kg/m ³)
Specific Gravity	2.85
Moisture Content	<0.1% weight

APPLICATION

- Depending on ice thickness, it is effective with using one 50 lb. bag per 3500 ft² green size up to 100 lbs. per 1,000 ft² for thicker areas or after new snow events.

NOTICE: Obtain the applicable **LIMITED WARRANTY** at www.targetproducts.com/product-warranty
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PACKAGING

Black Magic is available in 22.7 kg (50 lb) paper bags, packaged 64 per pallet or in bulk bags of approximately 1,814 kg (4,000 lb) each packaged 1 per pallet. Bulk deliveries by pneumatic tank trucks are also available.

TYPICAL SIEVE ANALYSIS

The sieve analyses given in the following tables are typical values. Actual values could change from time to time.

Expressed as cumulative percent passing

Sieve Size		Grade		
ASTM E 11	Metric	16-40	20-40	40-60
No. 10	2.00 mm	100	100	
No. 16	1.18 mm	63.0	95.5	
No. 20	0.85 mm	25.4	67.1	100
No. 30	0.60 mm	6.8	42.4	97.0
No. 40	0.42 mm	0.4	14.4	55.0
No. 50	0.30 mm	0.1	1.8	4.5
No. 100	0.15 mm	Trace	0.1	0.5
No. 200	0.075 mm		Trace	Trace

Expressed as individual percent retained

Sieve Size		Grade		
ASTM E 11	Metric	16-40	20-40	40-60
No. 10	2.00 mm			
No. 16	1.18 mm	37.0	4.5	
No. 20	0.85 mm	37.6	28.4	
No. 30	0.60 mm	18.6	24.7	3.0
No. 40	0.42 mm	6.4	28.0	42.0
No. 50	0.30 mm	0.3	12.6	50.5
No. 100	0.15 mm	0.1	1.7	4.0
Pan	0-20	Trace	0.1	0.5

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