



NEW WASTE CONCEPTS

Report on Durability of Cover Materials

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Gentlemen,

New Waste Concepts is the manufacturer and designer of cover materials that range in the length of durability from 1-2 months up to and beyond a year. The list of cover materials and the length of durability is set forth below:

Name of Product	Intended durability	Rain durability	Rain Intensity	Wind Intensity *a
ProGuard SB2	1-2 months	Misting Rain	Not designed for heavy rain	Up to 60 mph *b
ProGuard SB3	1-2 months	Misting Rain	Not designed for heavy rain	Up to 60 mph *b
ProGuard SB2 or SB3 with HG	1-4 months	1-2 inches per day	Up to 1 inch / hr	Up to 60 mph *b
ProGuard SB2 or SB3 with HG & CC180	3-6 months	1-3 inches per day	Up to 3 inches / hr	Up to 60 mph *b
ConCover SW	4-8 month	1-3 inches per day	Up to 1 inch / hr	Up to 60 mph *b
ConCover SW – Irish Mix (CC180 & HG)	6-12 months	1-4 inches per day	Up to 3 inches / hr	Up to 60 mph *b
ConCover 180	6-12 months	1-4 inches per day	Up to 3 inches / hr	Up to 60 mph *b
ConCover 180 NS	6-8 months	1-3 inches per day	Up to 2 inches / hr	Up to 60 mph *b
ConCover 180 with HydraGuard (HG)	8-15 months	1-4 inches per day	Up to 4 inches / hr	Up to 60 mph *b
ConCover 180 NS with HydraGuard	8-12 months	Survives under water	Survives under water	Up to 60 mph *b

*a: Wind Intensity impacts sprayability. It does not impact the adhesion that the cover material has for the ground. The chemical components of the material impact its adhesion to the ground or the surface it is sprayed upon

*b: Beyond 60 mph wind speed will impact sprayability and clearly how the material will cover the surface of the ground

I have attached the following documents which relate to the product and former uses of the product.

- 1) Millington Project Profile: the application of CC180 and Superseal 40 (dry version of HydraGuard) on the side slopes of an asbestos landfill next to the Passaic River.
- 2) High Wind Application of Daily Cover at Kandiyohi County in Minnesota
- 3) Copy of Sunflower Project for IT
- 4) Mouchel Parkman Engineering project in the United Kingdom: Spraying CC180 with HydraGuard – 3 inches of rain in 2 hours and machine got stuck but product survived
- 5) Photos of Test Application we did for Wayne Disposal back in 2004 – showing four different products and how they held up in 3 inches of rain which fell within 30 minutes of our completing the application.
- 6) Grundon Star Waste in the UK where they had a landslide inside a landfill and need to reshape the slope, and provide a long term cover material. The material was CC180 with HydraGuard sprayed over the surface of the stepped material.



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- 7) Cover Material helps Casella on the excavation and elimination of sulphur gas odors at site in NH.

Respectfully,

Milton "Tony" Knight, CEO



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