



## Advantages

### DC1010

- **Spray grade compound, ready for use.**
- **Water based, quick drying.**
- **User friendly polymeric emulsion.**

### DC1020

- **Trowelable paste compound.**
- **Ideal for irregular structures.**
- **Non toxic synthetic visco-elastic compound.**

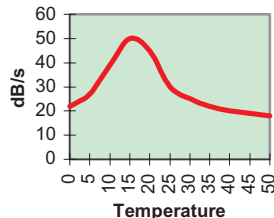
## General Description

CMS range of DC damping compounds offers a selection of vibration damping materials. Application of a CMS DC damping compound to metal or plastic panels will inhibit the build up of resonant vibrations and will efficiently reduce the levels of radiated noise.

## Damping Compound DC1010

### Properties

Colour	Natural buff
Specific gravity	1.3 – 1.4 g/cc (wet)
Viscosity	Thixotropic
Cure	Air drying
Flash point	None, water based
Total solids	60–70 %
pH value	Mildly alkaline - pH10
Dry thickness	75-90% wet thickness (subject to application)
Thermal conductivity	0.3 W/mK
Shelf life	3-6 months (4 to 35°C)
Container sizes	25kg or 200kg



Decay Rate<sup>®</sup> - SAE J671  
Geiger plate method  
500\*500\*5mm plate  
3mm thick DC1010

### Application

Surfaces must be clean and degreased. Any stainless steel or pre-painted surfaces should be rubbed down with an emery cloth and galvanised steel surfaces should be treated with a mordant solution. Aluminium should be treated with an etching primer and for any other unpainted metal surface, treatment with a quality matt primer will be adequate.

CMS DC 1010 is a spray applied compound using large bore equipment. Coverage can be built up by successive coatings. Note, it is essential to allow full drying of coats between applications. Coverage is approximately 6 m<sup>2</sup> per 25 kg with a 3mm wet thickness depending on the surface profile.

Protection after application can be achieved by painting with most types of paints after the compound is fully dry. Any excessive exposure to fluids such as water or oil etc will lead to a softening of an unprotected compound and subsequent loss of acoustic properties and possible bonding failure.

## Damping Compound DC1020

### Properties

Colour	Natural buff
Density	1,850 kg/m <sup>3</sup>
Viscosity	Thixotropic
Flash point	None, water based
Total solids	72%
Shelf life	3 months (4 to 35°C)
Container sizes	25kg or 200kg

### Application

Surfaces must be clean and degreased. Any stainless steel or pre-painted surfaces should be rubbed down with an emery cloth and galvanised steel surfaces should be treated with a mordant solution. Aluminium should be treated with an etching primer and for any other unpainted metal surface, treatment with a quality matt primer will be adequate.

CMS DC 1020 compound is applied using a trowel or similar tool. Coverage can be built up by successive coatings. Note, it is essential to allow full drying of coats between applications. Coverage is approximately 4 m<sup>2</sup> per 25 kg with a 3mm wet thickness depending on the surface profile.

Protection after application can be achieved by painting with most types of paints after the compound is fully dry. Any excessive exposure to fluids such as water or oil etc will lead to a softening of an unprotected compound and subsequent loss of acoustic properties and possible bonding failure. For protection against weather exposure, two coats of bituminous paint should be applied.

### Installation Service

In addition to supply of this product CMS Acoustic Solutions offers a competitively-priced installation service anywhere in the UK. Use of our service ensures that installation is performed to the highest standards by tradesmen fully experienced in the specialist skills of fitting acoustic materials correctly. For further details contact our technical team on 01925 577711.

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