

BREEAM – Gartec Prime 7000 Series Lifting Platform

The 7000 Series Platform Lift has been in production for over 15 years during which time improvements have been made to reduce its environmental impact. These Improvements will continue as technological developments arise.

At present BREEAM only assesses, within the energy section, the installation of conventional lifts that form an integral part of the building. Although this excludes platform lifts from the assessment criteria, projects specifying this type of lift will not be penalised, as the credits available for the lifts assessment will be omitted from the overall assessment. Thus the BREEAM count requirement is reduced by two credits and the whole project score recalculated.

The following features and design criteria are relevant to this assessment:-

First Impact:

No hazardous materials are used in its production and there is no hazardous emission in its use.

Installation:

Installation does not involve environmentally unfriendly activities. No significant power is required.

Commissioning:

Commissioning does not result in any emissions or require any excessive power.

Use:

> Power Usage

It's prime power source is a 3 phase 2.2 kW electric motor which is only energised when the lift is operating. Its normal running current is 4.7 Amps. The product is fitted as standard with the ability to set the lift into a quiescent state after a settable interval following use. In this state the lift draws less than 10 watts.

> Lighting

Impact is reduced by the use of LED's.

> Consumables

These are limited to lubricating oil and conventional cleaning materials. An automatic lubrication system is fitted that can be adjusted to prevent waste whilst reducing the possibility of over oiling and maintaining optimum low friction running conditions.



Maintenance:

A digital control system is fitted which allows rapid fault finding and can also be interrogated as an aide for efficient maintenance.

End of Service:

The lift contains virtually no hazardous materials, the vast majority is recyclable (steel). The power to dissemble is minimal as this can be carried out with the use of hand tools. If required the lift can be economically re sited.

Life Span:

Low total cost over life cycle. For normal usage the design life expectancy of the major components is at least 18 years.

