

(9) Verniciature speciali;

La scelta del trattamento di verniciatura rappresenta una fase critica in quanto da essa dipende la durabilità del motore elettrico in funzione dell'ambiente in cui si andrà a collocare.

Secondo la norma UNI EN ISO 12944-1 la durabilità è classificabile secondo 3 classi :

Bassa (L) da 2 a 5 anni.

Media (M) da 5 a 10 anni.

Alta (H) oltre 15 anni.

La durabilità viene indicata a fianco della categoria di corrosività dell'ambiente di installazione per consentire la definizione del ciclo di protezione in grado di operare in quell'ambiente e di garantire la durabilità richiesta. I cicli di verniciatura che si effettuano sono pienamente conformi alle normative.

ISO 12944 Classification:

C1 - C2 = Rural areas, low pollution. Heated buildings/neutral atmosphere.

C3 = Urban and industrial atmospheres. Moderate sulphur dioxide levels. Production areas with high humidity.

C4 = Industrial and coastal. Chemical processing plants.

C5L = Industrial areas with high humidity and aggressive atmospheres.

C5M = Marine, offshore, estuaries, coastal areas with high salinity.

(9) *Special coatings*

The choice of the painting process is a critical stage because it depends on the durability of the electric motor depending on the environment in which it will sell.

According to the UNI EN ISO 12944-1 durability can be classified in 3 classes:

Low (L) from 2 to 5 years.

Medium (M) 5 to 10 years.

High (H) over 15 years.

The durability is indicated next to the category of corrosivity of the installation to allow the definition of the cycle of protection that can operate in that environment and to ensure the durability required.

The coating systems that are made are fully compliant

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