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BC-24 15 minute working Life Armature Balancing Putty

DESCRIPTION:

BC-24 is a two-part epoxy balancing compound for use in weight addition balancing of electric motor armatures. **BC-24** has a smooth, fibrous, putty-like consistency, which keeps the compound from migrating during the balancing process. The two parts of the putty, parts A and B, are mixed 1:1 by volume or by weight. The Blue Part A and the Yellow Part B are easily mixed by hand until the color is a consistent Green. The **BC-24** may then be placed on the motor armature as indicated until the armature is in balance. The working life of the mixed **BC-24** is approximately 15 minutes depending upon mass and temperature. In 30 minutes, **BC-24** cures to a solid, which resists moisture and solvents. **BC-24** is in compliance with European Directive 2002/95/EC on the reduction of hazardous substances. This product may contain fillers that may settle over time. Product may need to be stirred before using. Customer must determine suitability of product before using.

PERFORMANCE PROPERTIES:

Working Life:	15 Minutes
Cured Shore D Hardness:	85 typical
Cure Time:	~30 Minutes
Lap Shear to CRS:	700 psi typical
Tensile Strength:	3500 psi typical
Compression:	85,000 psi typical
Weight Change upon Cure:	< 0.06%

TYPICAL PROPERTIES:

Part A:		Mixed Product:	
Specific Gravity:	2.5	Specific Gravity:	2.5
Color:	Blue Putty	Color:	Green Putty
Part B:		Mix Ratio:	
Specific Gravity:	2.5	By Weight:	1:1
Color:	Yellow Putty	By Volume:	1:1
		Shelf Life:	
		Part A:	6 months in sealed container
		Part B:	3 months in sealed container

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