



Directions

Dynamis Inc.

POUR FLEX 150-2 FLEXIBLE ROOM TEMPERATURE CURE POTTING COMPOUND

PRODUCT DESCRIPTION:

Pour Flex 150-2 is a quick setting, pourable, easy-to-mix (1:1 by volume), flexible potting compound. It is designed for use on submersible pump leads and brake coils. Pour Flex 150-2 adheres well to frames and lead wires and is not effected by oils or water. Its easy-to-use mix ratio greatly reduces waste, and its quick cure times save hours of waiting for assembly and shipping.

COLOR: Component A – Red. Component B – Off white. Mixed – Brick red

TECHNICAL DATA:

Viscosity (mixed):	5000-6000 cps-Brookfield at 80° F
Pot Life:	20 – 30 minutes – 1 pint at 80° F
Maximum Exothermic Temperature:	500 gr. mass without heat sink 190° F
Cure Time (500 gr. mass):	25 – 30 minutes at 80° F
Cure Time (100 gr. mass):	30 – 60 minutes at 80° F
Specific Gravity:	1.04
Shore D Hardness at 80° F:	40 ± 5
Shore A Hardness at 80° F:	80 ± 5
Dielectric Strength:	450 volts per mil
Flammability:	Self extinguishing
Mix Ratio:	1:1 by volume

POT LIFE:

Pour Flex 150-2 has a pot life of approximately 20 – 30 minutes in a one pint mass at 80° F and cures in approximately 30 – 60 minutes. However, this information does not take into account the heat sink effect of the part being potted.

PACKAGING:

Packaging is convenient. Each can is filled 1/2 full in order that one can may be easily poured into the other and mixed when a full unit is to be used at one time.

MIXING:

1. Stir each component thoroughly before mixing.
2. When a full unit is to be used, pour one can into another, stirring thoroughly. Care should be taken to scrape the bottom and sides of cans.
3. When less than a full unit is to be used, mix 1:1 by volume, after stirring each component separately.

4. For best results and quicker cure times, allow mixed contents of can to become slightly warm before pouring.

STORAGE LIFE:

Shelf life of separate components is approximately one year from date of manufacture when stored in tightly closed containers at room temperature.

CHEMICAL RESISTANCE:

50% Caustic Soda:	No effect
10% HCL:	No effect
10% H ₂ SO ₄ :	No effect
10% HNO ₃ :	No effect
Glacial Acetic Acid:	Attacks surface
Salt Spray 1000 hours exposure:	No effect
Fuel Oil:	No effect
Lubrication Grease:	No effect
H ₂ O:	No effect
10 weight non-detergent transformer oil:	No effect
30 weight non-detergent oil:	No effect
Kerosene:	No effect

LIMITATIONS:

Not recommended for applications whose temperatures will exceed 105° C (221° F).

Do not mix and pour more than one (1) gallon at a time. Do not heat parts or material to accelerate cure.

Higher application temperatures may cause exothermic shrinkage to occur with larger pours. If shrinkage occurs, allow sealant to cure and cool, then re-pour into separations, as required.

PACKAGING:

1 Pint Units: 6 Units per Case
1 Quart Units: 6 Units per Case
1 Gallon Units

GUARANTEE: The manufacturer warrants that the material meets specifications listed, and limits any warranty to the replacement of material only.

NOTE:

The information contained in this technical brochure is based on data obtained by our own research and is considered accurate. However, no warranty is expressed or implied regarding the accuracy of this data or the results to be obtained from the use of this data or product. This information is furnished and the product Pour Flex 150-2 sold upon the condition that the person receiving it shall make his own test to determine the suitability of the material for his particular purpose.