



Flexible Foam 10

Renew Flexible Foam 10 is a versatile, easy-to-use two-component 10 lb. density urethane foam. Parts A + B are measured in equal amounts by volume (1A:1B) and mixed. Mixture will expand roughly 6 times original volume and develop a uniform cell structure. Foam expands to full volume in 5 minutes, develops handling strength in 30 minutes and is fully cured in 2 hours. Cured Renew Flexible Foam 10 is very strong, durable and carvable.

Renew Flexible Foam 10 is available in Bulk containers. **Materials should be stored and used at room temperature (72° F / 23° C).** This product has a limited shelf life and should be used as soon as possible. Wear safety glasses, long sleeves and rubber gloves to minimize contamination risk. Mixing tools and containers should be clean and made of metal, glass or plastic. Mixing should be done in a well-ventilated area. Wearing eye protection, latex gloves and long-sleeved garments to minimize skin contact is strongly recommended.

Before you begin, pre-mix Part B (base) thoroughly. After dispensing required amounts of Part A and B into mixing container, **mix thoroughly for 45 seconds** making sure that you scrape the sides and bottom of the mixing container several times. Be careful not to splash material out of the container.

NOTE: Mixed material will begin to expand as Working Time expires.

Technical Information

Mix Ratio:	1A : 1B volume (105A : 100B by weight)
Working Time:	1 minute
Handling Strength:	30 minutes
Cure Time:	2 hours
Density:	10 lb./ft. ³ (160 kg/m ³)
Color:	White

The Material Safety Data Sheet (MSDS) for this or any Renew Advanced Materials product should be read prior to use and is available upon request from Renew Advanced Materials. All Renew products are safe to use if directions are read and followed carefully.

Be careful. Part A contains methylene diphenyl diisocyanate. Vapors, which can be significant if heated or sprayed, may cause lung damage and sensitization. Use only with adequate ventilation. Contact with skin and eyes may cause irritation. Flush eyes with water for 15 minutes and seek medical attention. Remove from skin with soap and water. Part B maybe irritating to the eyes and skin. Avoid prolonged or repeated skin contact. If contaminated, flush eyes with water for 15 minutes and seek medical attention. Remove from skin with soap and water. If machining cured Renew Rigid Foam 10, wear dust mask or other apparatus to prevent inhalation of residual particles.

Important: The information contained in this bulletin is considered accurate. However, no warranty is expressed or implied regarding the accuracy of the data, the results to be obtained from the use thereof, or that any such use will not infringe upon a patent. User shall determine the suitability of the product for the intended application and assume all risk and liability whatsoever in connection therewith.

Renew_{tm} Advanced Materials, Inc.

95 W.Main Street – Suite 5117 * Chester, NJ 07930 * tel. (888) 765-9835

www.renewmaterials.com