

BladeRep® Pore Filler 6

Technical Data Sheet:
491-66 / BR6078

1. Introduction

ALEXIT® BladeRep® Pore Filler 6 is a solvent free, two-component polyurethane filler designed to seal any surface prior to applying ALEXIT® BladeRep® LEP9, LEP10 or ALEXIT® BladeRep® Topcoat 12. It fills pin holes and minor defects on GRP substrates and cures to an easily sandable surface.

2. Range of application

ALEXIT® BladeRep® Pore Filler 6 is designed for filling small on-structural imperfections such as pin holes on wind turbine rotor blades.

3. Color

ALEXIT® BladeRep® Pore Filler 6 is available in Grey

4. Coverage

Coverage of ALEXIT® BladeRep® Pore Filler 6 depends on the depth of filling required as well as the amount of surface to be faired.

	m ² /kg	sq.ft. / kg	m ² /kit*	sq.ft./ kit*	sq.ft./ gal
Theoretical coverage at 100 µm / 4 mil approx. of mixed material	5	50	2	20	325

* Kit is available in separate units of 0.3 kg base and 0.08 kg hardener

5. Substrate pre-treatment

Sand the surface with 120 grit paper prior to applying ALEXIT® BladeRep® Pore Filler 6. The surface must be clean, dry and free from dust, grease, oil and other contaminants. ALEXIT® BladeRep® Pore Filler 6 may be applied over all ALEXIT® BladeRep® products and/or any properly prepared surface.

6. Trade names/part no.

Base material	BR6078	ALEXIT® BladeRep® Pore Filler 6
Hardener	BR60H0	ALEXIT® BladeRep® Hardener 6

7. Mixing ratio For mid-size and large units:

Mix by Volume:	4 Parts	ALEXIT® BladeRep® Pore Filler 6	BR6078
	1 Parts	ALEXIT® BladeRep® Hardener 6	BR60H0
Example:	4:1		
Mix by Weight:	6 Parts	ALEXIT® BladeRep® Pore Filler 6	BR6078
	1 Part	ALEXIT® BladeRep® Hardener 6	BR60H0
Example:	6:1		

For small containers:

Empty entire hardener into base material and mix thoroughly. Small containers are premeasured for the proper mix ratios.

For all package sizes:

Mix thoroughly for proper cure!

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The information contained in this data sheet is based on our level of research and development. Revisal by the user with regard to the intended aim is necessary due to the diverse processing and application possibilities.

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8. Application

Application conditions: 15-35 °C (60-95 °F) and 20-85 % relative humidity. The minimum application condition should be 3 °C (5.4 °F) above dew point.

If applying the product in conditions which are not listed above, please consult your ALEXIT® BladeRep® representative.

Application process

Apply ALEXIT® BladeRep® Pore Filler 6 as needed. After the surface is faired and smooth, you may proceed to the ALEXIT® BladeRep® LEP 9, LEP10 or Topcoat 12 as required.

9. Pot life

5 - 10 min at 23 °C (73 °F)

10. Drying time

	15 °C (60 °F)	23 °C (73 °F)	30 °C (86 °F)
Sandable manually after	4 h	2 h	1.5 h
Sandable mechanically after	5 h	3 h	2 h

11. Packaging

ALEXIT® BladeRep® Pore Filler 6 20 kg, 6 kg, and 0.3 kg*, 1 US Gallon
ALEXIT® BladeRep® Hardener 6 6 kg, 1 kg, and 0.08 kg*, 1 US Quart

***Small containers are premeasured for proper mixing ratios**

12. Storage

Store in original, unopened containers at a temperature of 5 – 35 °C (41 – 95 °F)
(in acc. with DIN EN 3840:2007).



Approved by DNV in combination with
ALEXIT® BladeRep® Profile Filler 3, Pore Filler 6, LEP 9 and Topcoat 12 (TA-GL-II-2-05377-0)

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