

GP-4 Generco Gridply No. 4

1. Background

General Veneer Manufacturing Co. has been supplying lightweight materials and products to the aircraft and aerospace industry for over 50 years. With the advent of the wide body commercial airplane, new materials were required to meet their specific needs. We were among the first to use these new materials in production and have continued to develop new configurations.

2. Product Introduction

Generco Gridply No. 4 was developed to provide a flooring for use in construction and/or during maintenance procedures.

The material consists of thin phenolic impregnated paper facings structurally bonded to a Douglas Fir Exterior Grade plywood core. Panel surfaces shall be embossed with a grid pattern both sides.

3. Performance

Research and development testing on fatigue properties indicate a long service life can be expected. Generco Gridply is suitable for many applications and installations that require quality products at a competitive in-place cost.

Please contact General Veneer Manufacturing Co. for more information regarding other available panel types.

4. Typical Physical and Mechanical Properties

Physical Description ^①	Typical Values	Unit
Generco Gridply	No. 4	
Weight	1.85	p.s.f.
Overall Thickness	.500	in.
Facing Thickness	.025	in.
Length • Nominal 96", 120", 144"	Up to 192	in.
Width • Nominal 48", 60", 72"	Up to 72	in.

① Panels are available in other thicknesses, widths and lengths.

Panel Strength • Test Method	Typical Values	Unit
Generco Gridply	No. 4	
Panel Stiffness (EI) ^①	285,000	lb-in ² /ft
45° Burn Test • Ref: FAR 25.853	None	penetration

① Dead weight test for panel stiffness as described in the Performance Test Manual For In-Plant Testing by APA Member Mills, published by The American Plywood Association.