TechPrime A Acrylic Primer

1. **Product Name**

   TechPrime A Acrylic Primer

2. **Product Description**

   TechPrime A is an advanced acrylic primer and sealer that prepares surfaces for the application of an appropriate CustomTech™ self-leveling underlayment. It seals porous and non-porous surfaces and improves the bond of the underlayment to the subsurface.

   Key Features

   - Prepares surfaces for application of self-leveling underlayments
   - For use over porous and non-porous surfaces
   - Solvent-free

   Suitable Substrates

   - Absorbent concrete
   - Non-absorbent concrete
   - Lightweight concrete
   - Existing ceramic tile
   - Cement terrazzo
   - Exterior grade plywood
   - OSB
   - Cutback adhesive residue
   - VCT
   - Approved moisture control membranes
   - Gypsum Based Underlayments/ASTM F2419

   Limitations to the Product

   - TechPrime A should not be installed at ambient temperatures below 50°F (10°C) or above 90°F (32°C).
   - Concrete substrate tensile strength must be greater than 200 psi (1.4 N/mm2).
   - Substrate must be free of bond-inhibiting or bond-breaking materials such as curing compounds, oil, grease and wax.
   - Repair all dormant or non-moving cracks with Silk or TechPatch MP before installation of TechPrime A as a primer.
   - Honor all expansion and movement joints, through primer and underlayment.
   - Do not bond to hardwood, Luan plywood, particle board, parquet, sheet vinyl, cushion or sponge-back vinyl flooring, metal, fiberglass or plastic.

   Packaging

   3.5 gal (13.24 L) Pail 1 gal (3.79 L) Pail

3. **Technical Data**

   Applicable Standards

   - Concrete Floor Preparation for Resilient Flooring, ASTM F710
   - ASTM C1708 Standard Test Methods for Self-leveling Mortars Containing Hydraulic Cements
   - ASTM F2419 Thick Poured Gypsum Concrete Underlayments

   Environmental Consideration

   Custom® Building Products is committed to environmental responsibility in both products produced and in manufacturing practices. Use of this product may contribute towards LEED® certification.

4. **Instructions**

   General Surface Prep

   USE CHEMICAL-RESISTANT GLOVES, such as nitrile, when handling product.

   Surfaces must be structurally sound, clean, dry and free from grease, oil, dirt, curing compounds, sealers, adhesives or any other contaminant that would prevent a good bond. Refer to the appropriate CustomTech self-leveling underlayment technical data sheet for details on bonding to specific substrates.

   Mixing Ratios

   Stir and use undiluted for non-porous surfaces.

   Dilute up to 3 parts water to 1 part primer with clean, potable water for highly porous concrete surfaces. Highly absorptive substrates may require a second application of diluted primer. Diluted primer must be used within 24 hours of mixing.

   Mixing Procedures

   Undiluted: Since settling may occur, stir using a low speed (300 rpm) power mixer; do not over-mix.

   Diluted: Before dilution with water, stir with a low-rpm mixer for approximately 1 minute to re-suspend any settled material. Mix for 1 minute with dilution water using a low speed (300 rpm) mixer with a low-intensity mixing blade.

   Application of Product

   Apply with a push broom. Apply a thin, even coat; do not allow puddling. Allow to dry to a clear film (1 to 3 hours, depending on ambient conditions and dilution) before applying an appropriate CustomTech™ self-leveling underlayment. Highly porous concrete surfaces (indicated by rapid drying or absorption of the primer on the substrate) may require a second coat of diluted primer. Areas must be reprimed if primer is allowed to dry more than 72 hours, or if excessive dust debris or other contaminants have been worked into the primer surface.

   Use 1/4" nap roller for the application of primer over moisture vapor control membrane, exterior plywood, VCT, OSB and other non-absorbent substrates which require the use of undiluted primer.

   Cleaning of Equipment

   Clean with water before the material dries.

   Storage

TechPrime A Acrylic Primer

Health Precautions

Contains acrylic emulsion. Wear suitable gloves and eye protection. Avoid eye contact or prolonged contact with skin. Wash thoroughly after handling. If eye contact occurs, flush with water for 15 minutes and consult a physician. If skin contact occurs, wash immediately with soap and water. Dried material is extremely difficult to remove. KEEP OUT OF REACH OF CHILDREN. DO NOT TAKE INTERNALLY.

Conformance to Building Codes

Installation must comply with the requirements of all applicable local, state and federal code jurisdictions.

5. Availability & Cost

Location	Item Code	Size	Package
USA/Canada	TECHAT	3.5 gal (13.24 L)	Pail
USA/Canada	TECHAT1-2	1 gal (3.79 L)	Pail

6. Product Warranty

Custom® Building Products warrants to the original consumer purchaser that its product shall be free from defects in material and workmanship under normal and proper usage for a period of one year following the date of original purchase. Custom's® sole liability under this warranty shall be limited to the replacement of the product. Some states, countries or territories do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you. This warranty will not extend to any product which has been modified in any way or which has not been used in accordance with Custom's® printed instructions. Custom® makes no other warranties either expressed or implied. This warranty gives you specific legal rights, and you may have other rights that vary from state to state or from one country/ territory to another. Visit the warranty page for details and complete warranty information.

7. Product Maintenance

Properly installed product requires no special maintenance.

8. Technical Services Information

For technical assistance, contact Custom® Technical Services.

9. Filing System

Additional product information is available from the manufacturer upon request.

Coverage Chart

SQUARE FOOT COVERAGE PER GALLON (SQUARE METER PER 3.79 L) OF PRIMER BEFORE DILUTION

Surface Type	Dilution	Min Coverage	Max Coverage
Non-Porous	Undiluted	400 ft² (37.16 M²)	600 ft² (55.74 M²)
Porous	1:3 (primer:water)	600 ft² (55.74 M²)	1200 ft² (111.48 M²)

NOTE: Coverage will vary depending on technique and substrate porosity.