



PRODUCTS, INC.

918 N. UNION STREET
APPLETON, WI 54911
(920) 739-8685
1-800-221-638
FAX (920) 739-8704

**EPOXY & FIBERGLASS FLOORING, SEAMLESS FIBERGLASS WALL SYSTEMS, SEALERS,
HIGH PERFORMANCE COATING SYSTEMS, AND INDUSTRIAL CLEANERS**

SYSTEMS BY LOCATION

CHEMICALS

CHEMICAL PLANT

E.g. PLATING PLANT, FERTILIZER PLANT

**MAIN ISSUES- PRIMARY AND SECONDARY CONTAINMENT OF CHEMICALS,
RESISTANCE TO CHEMICAL ATTACK, APPEARANCE**

WALLS- OVER BLOCK OR SPANCRETE : FABRILON, CHEMSHIELD, 1121 (ESPECIALLY
HIGHER UP OVER

FABRILON)

FLOORS:POLYMITE 3/8", JOINTS USE EPOXY OR PFAC

CEILING: 1121, CHEMSHIELD

OTHER: FABRILON OR CHEMSHIELD FOR SECONDARY CONTAINMENT, 2" KANT AT
WALL/FLOOR JUNCTURE

FABRILON LINERS IN TRENCHES.

MOST ALL SYSTEMS WILL USE 7300 RESIN FOR BEST CHEMICAL RESISTANCE. THE
POLYESTER CAN GO OVER AN EPOXY PRIMER AND EPOXY MID COAT BUT IT IS TRICKY.

**THE USE OF DRYSTOP TO PRESENT MOISTURE VAPOR DELAMINATION ON POURED
CONCRETE IS STRONGLY SUGGESTED.**

FOODS

CHEESE/DAIRY PLANTS

**MAIN ISSUES- REGULATORY APPROVAL, EASY CLEANING, DURABILITY,
COST**

WALLS OVER BLOCK OR SPANCRETE: FABRILON, CHEMSHIELD, 1121 (ESPECIALLY
HIGHER UP ABOVE

FABRILON)

FLOORS:POLYMITE 3/8", TROWELRITE EPOXY (NO ODOR), FREQUENTLY A 2" KANT IS
INSTALLED AT

THE WALL/FLOOR JUNCTURE

CEILING: 1121, CHEMSHIELD, OCCASIONALLY FABRILON

OTHER: BRINE SOAK TANKS- FABRILON LINER, 1121 EXTERIOR

PACKAGING: POLYMITE, HIGH BUILD COATINGS

SCABBLE PREPARATION IS NECESSARY FOR FLOOR SUBJECT TO THERMAL SHOCK

MOST ALL SYSTEMS WILL USE 7100 RESIN FOR FDA APPROVABILITY AND LOWER COST
WHEN ODOR IS NOT A FACTOR OTHERWISE 3100 OR 4100 EPOXY IS USED FOR THE FLOOR
SYSTEMS.



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MEAT PACKING

**MAIN ISSUES- - REGULATORY APPROVAL, EASY CLEANING, DURABILITY
ESPECIALLY OF KILL FLOOR, SLIP RESISTANCE**

WALLS- OVER BLOCK OR SPANCRETE: FABRILON, CHEMSHIELD, 1121 (ABOVE THE
FABRILON)

FLOORS:POLYMITE 3/8", TROWELRITE EPOXY (NO ODOR)

KILL FLOOR- SCABBLED THEN POLYMITE 3/8" MINIMUM

CEILING: 1121, CHEMSHIELD, OCCASIONALLY FABRILON

OTHER: PACKAGING: POLYMITE, HIGH BUILD COATINGS- NUPRIME+ 3100-90 IS A GOOD
CHOICE

MOST ALL SYSTEMS WILL USE 7100 RESIN FOR FDA APPROVABILITY AND LOWER COST

BREWERY

SPECIFIC ISSUE- ALCOHOL RESISTANCE, LOW TEMP REPARABILITY

WALLS -OVER BLOCK OR SPANCRETE: FABRILON, CHEMSHIELD, 1121 (ESPECIALLY
HIGHER UP OVER FABRILON)

FLOORS:POLYMITE 3/8", TROWELRITE EPOXY (NO ODOR)

OCCASIONALLY FABRILON FOR LOW TRAFFIC +CONTAINMENT UNDER VATS

CEILING: 1121, CHEMSHIELD

OTHER: PACKAGING: POLYMITE, HIGH BUILD COATINGS+1300 FOR ALCOHOL RESISTANCE

MOST ALL SYSTEMS WILL USE 7300 RESIN FOR BEST CHEMICAL RESISTANCE

**THE USE OF DRYSTOP TO PRESENT MOISTURE VAPOR DELAMINATION ON POURED
CONCRETE IS STRONGLY SUGGESTED**

FOOD PLANT

E.g.- VEGETABLES, BAKERY, PIZZA MAKING

MAIN ISSUES- REGULATORY APPROVAL, EASY CLEANING

WALLS OVER BLOCK OR SPANCRETE: 1120 EPOXY BLOCKFILLER+1121 OR ENAMEL PAINT

FLOORS:POLYMITE 1/4", TROWELRITE EPOXY (NO ODOR) 1/4", HIGH BUILD OR STANDARD
COATINGS

CEILING: DRY FALL

**THE USE OF DRYSTOP TO PRESENT MOISTURE VAPOR DELAMINATION AND/PR PURGE
CONATAMINENTS UP AND OUT POURED CONCRETE IS STRONGLY SUGGESTED**



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GENERAL INDUSTRIAL

HEAVY FABRICATION

E.g. Vehicle assembly, metal fabrication, HEAVY EQUIPMENT MAKING

MAIN ISSUES: DURABILITY, APPEARANCE

WALLS: ENAMEL PAINT

FLOORS: TRAPROCK OVERLAY + 1013 EPOXY PRIMER, TROWELRITE OR POLYMITTE, 30 MIL
HIGH BUILD OR STANDARD 1300 COATING, DIAMOND HARD ,JOINTS USE PFAC

CEILING: DRY FALL

**THE USE OF DRYSTOP TO PRESENT MOISTURE VAPOR DELAMINATION AND/OR
PURGE CONATMINENTS UP AND OUT POURED CONCRETE IS STRONGLY SUGGESTED**

LIGHT FABRICATION/ASSEMBLY

E.g. plastics, light assembly, mailing, packaging, shoe making

MAIN ISSUES: APPEARANCE, EASY CLEANING

WALLS: ENAMEL PAINT

FLOORS: 30 MIL HIGH BUILD OR STANDARD 1300 COATING- OFTEN MULTI COLORED. LOW COST:
DIAMOND HARD , JOINTS USE PFAC

CEILING: DRY FALL

**THE USE OF DRYSTOP TO PRESENT MOISTURE VAPOR DELAMINATION AND/OR
PURGE CONTAMINENTS UP AND OUT POURED CONCRETE IS STRONGLY SUGGESTED.
DRYSTOP IS ALSO USEFUL UNDER A SILICATE AS SILICATES DO NOT GIVE GREAT STAIN
RESISTANCE AND THE DRYSTOP DOES**

MACHINE SHOP

**MAIN ISSUES- DURABILITY TO SCRATCHES, EASY CLEANING,
APPEARANCE, DNR**

WALLS: ENAMEL PAINT

FLOORS: 30 MIL HIGH BUILD EPOXY OR STANDARD 1300 COATING. LOW COST: DIAMOND HARD,
JOINTS USE PFAC

THE USE OF OIL STOP PRIMER OR DRY STOP TO DEAL WITH OIL IN THE CONCRETE
SHOULD BE CONSIDERED.

CEILING: DRY FALL

**THE USE OF DRYSTOP TO PRESENT MOISTURE VAPOR DELAMINATION AND/OR
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PRINTING

MAIN ISSUES: DUST PREVENTION, APPEARANCE, SOLVENT RESISTANCE

WALLS: ENAMEL PAINT

FLOORS: 30 MIL HIGH BUILD EPOXY OR STANDARD 1300 COATING- OFTEN MULTI
COLORED. NOTE FOR STATIC CONTROL USE #1300 ESD WITH SURFACE GROUNDING.

CEILING: DRY FALL

**THE USE OF DRYSTOP TO PRESENT MOISTURE VAPOR DELAMINATION AND/OR
PURGE CONTAMINENTS UP AND OUT POURED CONCRETE IS STRONGLY SUGGESTED**

ELECTRONICS

CIRCUIT BOARDS, WELDING EQUIPMENT

MAIN ISSUES: DUST PREVENTION, STATIC ELIMINATION, APPEARANCE

WALLS: ENAMEL PAINT

FLOORS: 30 MIL HIGH BUILD EPOXY OR STANDARD 1300 COATING-NOTE FOR STATIC
CONTROL USE #1300 ESD WITH SURFACE GROUNDING.

CEILING: DRY FALL

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PURGE CONTAMINENTS UP AND OUT POURED CONCRETE IS STRONGLY SUGGESTED**

MUNICIPAL

GOVERNMENTAL GARAGE

MAIN ISSUES: APPEARANCE, DURABILITY, EASY CLEANING

WALLS: ENAMEL PAINT

FLOORS: 30 MIL HIGH BUILD EPOXY OR STANDARD 2400 OR 1300 COATING- OFTEN IN CLEAR.

JOINTS: USE PFAC

CEILING: DRY FALL

**THE USE OF DRYSTOP TO PRESENT MOISTURE VAPOR DELAMINATION AND/OR
PURGE CONTAMINENTS UP AND OUT POURED CONCRETE IS STRONGLY SUGGESTED**

SCHOOL

MAIN ISSUES- LOW/NO ODOR, EASY MAINTENANCE

WALLS: ENAMEL PAINT, EPOXY PAINT

FLOORS: 30 MIL HIGH BUILD EPOXY, STANDARD 1300 COATING, 2300 ARISTOTHANE

CEILING: DRY FALL

OTHER: SANDROCK IN LOCKER ROOMS, KITCHENS

**THE USE OF DRYSTOP TO PRESENT MOISTURE VAPOR DELAMINATION AND/PR PURGE
CONTAMINENTS UP AND OUT POURED CONCRETE IS STRONGLY SUGGESTED**

HOSPITAL

MAIN ISSUES- LOW/NO ODOR, APPEARANCE, DURABILITY



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OTHER: MISC. STORAGE ROOMS: NUPRIME OR 2300 ARISTOTHANE
**THE USE OF DRYSTOP TO PRESENT MOISTURE VAPOR DELAMINATION AND/OR
PURGE CONTAMINENTS UP AND OUT POURED CONCRETE IS STRONGLY SUGGESTED**

AIRPLANE HANGAR

**MAIN ISSUES: LIGHT COLOR, COLOR FASTNESS, RESISTANCE TO AIRPLANE
FLUIDS**

WALLS: ENAMEL PAINT, EPOXY PAINT

FLOORS: 1013 EPOXY PRIMER + 2400 WHITE OR COLORS, NUPRIME + 1300 IN COLORS.

CEILING: DRY FALL

**THE USE OF DRYSTOP TO PRESENT MOISTURE VAPOR DELAMINATION AND/OR
PURGE CONTAMINENTS UP AND OUT POURED CONCRETE IS STRONGLY SUGGESTED**

FIRE STATION

MAIN ISSUES: COST, EASY CLEANING, SLIP RESISTANCE, APPEARANCE

APPARATUS ROOM FLOORS: 30 MIL HIGH BUILD EPOXY, 1013 EPOXY PRIMER +1300 WITH
SLIP RESISTANT AGGREGATE IN SELECTIVE AREAS

**THE USE OF DRYSTOP TO PRESENT MOISTURE VAPOR DELAMINATION AND/OR
PURGE CONTAMINENTS UP AND OUT POURED CONCRETE IS STRONGLY SUGGESTED**

WASTEWATER TREATMENT PLANT

VARIES DEPENDING ON SITUATION. #1121 WATER RESISTANT EPOXY IS A
GOOD CHOICE

**THE USE OF DRYSTOP TO PRESENT MOISTURE VAPOR DELAMINATION AND/OR
PURGE CONTAMINENTS UP AND OUT POURED CONCRETE IS STRONGLY SUGGESTED**

WAREHOUSE

**MAIN ISSUES: DUSTING PREVENTION, LOW COST, FORK TRUCK TIRE
MARKING**

WALLS: ENAMEL PAINT

FLOORS: 1013 EPOXY PRIMER + 1300- FREQUENTLY CLEAR. LOW COST VARIOUS SILICATE
MATERIALS, JOINTS: USE PFAC

CEILING: DRY FALL

OTHER: SLIP RESISTANT WAREHOUSE FLOORS FOR MEAT OR DAIRY PLANTS: SHOTBLAST
+2 OR 3 COATS #1021 PENETRATING EPOXY PRIMER

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PURGE CONTAMINENTS UP AND OUT POURED CONCRETE IS STRONGLY SUGGESTED.
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RESISTANCE AND THE DRYSTOP DOES**



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COMMERCIAL

MAIN ISSUES: COST, APPEARANCE, ODOR

FLOORS: 1013 EPOXY PRIMER, 1013 EPOXY PRIMER + 1300 OR 2300 ARISTOTHANE,
FREQUENTLY CLEAR

OFTEN COATINGS ARE SUPPLIED TO THE FINAL CUSTOMER TO DO THEIR OWN WORK
AND SAVE COSTS.

AUTO DEALERSHIP

FLOORS: 1013 PRIMER + 2 COATS #1300 OR #2400 – NORMAL SERVICE
GRIND PREPARATION + 1013 EPOXY PRIMER+2 COATS 3100, OR #2400
HEAVIER DUTY SERVICE. OFTEN SEVERAL COLORS ARE USED + LINE
STRIPING

LOW COST: LS OR DIAMOND HARD +PFAC FOR JOINTS

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PURGE CONTAMINANTS UP AND OUT POURED CONCRETE IS STRONGLY SUGGESTED.**

**DRYSTOP IS ALSO USEFUL UNDER A SILICATE AS SILICATES DO NOT GIVE GREAT
STAIN RESISTANCE AND THE DRYSTOP DOES**

PRIMER SELECTION

**This is critical as the primer is the initial adhesion layer to the concrete
and if this is wrong everything else above it will fail.**

Proper surface preparation to clean concrete is absolutely necessary. If there are contaminants within the concrete – eg oil- either use DRYSTOP to purge these out or use the OIL STOP PRIMER if oil contamination is not severe. . The former requires a 3 day wait before the #1013 can be applied and is inexpensive, the later can be used immediately but is more expensive.



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If there are moisture vapor emission problems use either the DRYSTOP or use the MOISTURE VAPOR BLOCKING EPOXY. The former requires a 3 day wait before the #1013 can be applied and is inexpensive, the later can be used immediately but is more expensive.

Priming for polyester work is specialized.

If the temperature is lower use #1301 or the 1301 LT (faster solvents). Will cure to 20F but takes longer. Consider the #1300 or #2400 over it.

Wet floor primers are possible but seldom used, considering that most preparation work is done dry.

NOTES:

1. Block and spandrel for walls should be specified as "tight", pin hole free or non porous as possible especially for food plant work.
2. The standard coating spec should be 1 coat of NUPRIME @350sqft/gal + 2 top coats #1300 SR FLOOR COATING each at 250 sqft/gal. Specify color.
3. The standard high build spec should be 1 coat of NUPRIME @350SQFT/GAL + two top coats #3100-90 each at 125sqft/gal. Specify color.
Preparation can be either acid etching or light shot blasting
Add a top coat- 1121, 1300, 2200, or 2300 for specific conditions. Specify color.
4. The standard POLYMITE SPEC should be 1 coat of ATTAPRIME @ 350 SQFT/GAL with either a 1/4" or 3/8" thick POLYMITE TOPPING. Specify color, top surface texture and resin use.
Preparation should be
acid etching- light duty
shotblasting – medium duty
scabbling- heavy duty, thermal impacts or stress.



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5. The standard TROWELRITE SPEC should be 1 coat of NUPRIME @ 350 SQFT/GAL with either a 1/4" or 5/16" thick TROWELRITE TOPPING, Specify color, resin use, and top surface texture.
Preparation should be
acid etching- light duty
shotblasting – medium duty
scabbling- heavy duty (5/16 ONLY), thermal impact or stress.
6. The standard FABRILON SPEC should be one coat of POLYESTER BLOCK FILLER + FABRILON TOPPING with the appropriate resin choice for the conditions of use. Use example, specify color.
7. The standard CHEMSHIELD SPEC should be one coat of POLYESTER BLOCK FILLER + TWO COATS OF CHEMSHIELD TOPPING with the appropriate resin choice for the conditions of use. Specify color.
8. The standard 1121 WATER RESISTANT EPOXY SPEC should be one coat of #1120 EPOXY BLOCK FILLER + 2 TOP COATS #1121 water resistant epoxy. Use example, Specify color.
9. The standard SANDROCK SPEC needs to be 1/8". Use example, specify 3M-color blend.
10. For clear and colored floor coatings, drop cloths should be used during ceiling painting, especially ahead of clear coatings application.
11. FABRILON may be installed over block, brick, spancrete, poured in place concrete, steel, or plywood but NEVER over dry wall.

PRIMER SELECTION

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