

Acrylic for DS-20k: current situation

	Acrylic Costs		Available Funding
Gd-loaded panels (minus VAT)	970k USD [†]	NSF (Williams)	409k USD
		NSF (VT)	212k USD*
		IHEP	270k USD**
		<i>CFI (2023 request)</i>	<i>200k CAD[▲]</i>
Gd production and doping	315k USD	IHEP	315k USD
Pure acrylic panels	TBD (50k?) [★]		

*pending change to NSF funding profile and/or re-allocation of funds

Yi notes this as “the rest.” Can this number grow, currently 79k short. Quote will also change, e.g. shipping is currently to LNGS. Yi says timeline for IHEP money isn’t known but won’t stop signing a contract in **Summer 2023

[†]quote on slide 3 minus VAT and duty


[▲]likely *can’t* be used for pure acrylic for 20k based on language in proposal

[★]WAG based on line 1 of 2021 quote on slide 4


Pure acrylic notes

- Alberta will provide nominal dimensions of pure acrylic panels next week so we can get a quote
- It's not currently known what the tolerances on the finished windows are, which ultimately effects the panel thickness we need to order (+- cm)

Most recent quote for Gd-loaded acrylic

		DONCHAMP ACRYLIC GROUP								
Quotation										
Customer Name: Prof. Cristiano Galbiati Department of Physics, Princeton University								PI. No.:21-CL00053		
Address : Jadwin Hall, Washington Road, Princeton, New Jersey 08544 USA								Date: 16th August,2022		
M: DONCHAMP® Splash block										
Description	Length (mm)	Width (mm)	Thickness (mm)	Quantity (Shts/panels)	Weight (Kg's)	Total Weight (Kg's)	Price / M2 (USD\$)	Unit Price (USD\$/kg)	Price (USD\$/Sheet)	Total Amount (USD\$)
Clear Acrylic panel	8000	3200	170	4	5178.88	20715.52	\$8,218.44	\$40.63	\$210,392.00	\$841,568.00
Extra processing cost for 1630*3600*150										\$95,487.00
Package cost and EXW price										\$11,734.00
PC SUM estimated DDP price to Laboratori Nazionali del Gran Sasso Via G. Acitelli, 22 67100 Assergi L'Aquila Italy	shipping cost from factory to Laboratori Nazionali del Gran Sasso Via G. Acitelli, 22 67100 Assergi L'Aquila Italy									\$18,000.00
	DUTY 6.50% ON CIF VALUE									\$62,841.29
	VAT 22% ON CIF VALUE & DUTY									\$226,518.66
	Other fee									\$3,000.00
Total DDP Price				4		20716				1259149
Notes:										
1. All prices offered are supplied on an Ex Works basis.										
2. All freight quotations supplied are offered as a PC Sum - Estimate & due to the current instability in freight offers, can only be confirmed at the time of the product being available ex works.										
3. This quotation is based on the supply of DONCHAMP® (100% MRC Lucite virgin monomer)										
4. All DONCHAMP® is cut to standard or requested dimensions.										
5. DONCHAMP® is masked on two sides with pressure sensitive thermoformable PE Masking.										
6. DONCHAMP® has an identification label on one side.										
7. Payment terms : 100% before shipment										
8. Validity: 10 days from the date of this quotation.										
9. Ex Works (DONCHAMP Taixing) Date:										
10. ETD (Estimated Time of Departure from Port):										
11. ETA - approximate date (Estimated Time of Arrival into destination Port):										

Pure acrylic quote from original NSF submission

		DONCHAMP ACRYLIC GROUP								
Customer Name:Graham Giovanetti, Physics Department,		PI. No.:21-CL00056								
Address :Williams College, 33 Lab Campus Drive, Williamstown, MA 01267, USA		Date:28th July,2021								
M: DONCHAMP® Splash block										
Description	Length (mm)	Width (mm)	Thickness (mm)	Quantity (Shts/panels)	Weight (Kg's)	Total Weight (Kg's)	Price / M2 (USD\$)	Unit Price (USD\$)/kg	Price (USD\$)/Sheet	Total Amount (USD\$)
Clear Acrylic panel with 2 sides PE film	4500	2250	60	4	729.00	2916.00	\$1,224.00	\$17.00	\$12,393.00	\$49,572.00
Clear Acrylic panel with 2 sides PE film	4500	2250	100	4	1215.00	4860.00	\$3,048.00	\$25.40	\$30,861.00	\$123,444.00
Clear Acrylic panel with 2 sides PE film	3600	1700	60	12	440.64	5287.68	\$1,375.20	\$19.10	\$8,416.22	\$100,994.69
Clear Acrylic panel with 2 sides PE film	1700	250	100	12	51.00	612.00	\$2,160.00	\$18.00	\$918.00	\$11,016.00
Package cost and EXW price										\$700.00
PC sum estimated DDP cost to Williams College, 33 Lab Campus Drive, Williamstown, MA 01267, USA										\$123,500.00
Total EXW Price				32		13675.68				409227
Notes: 1. All prices offered are supplied on an Ex Works basis. 2. All freight quotations supplied are offered as a PC Sum - Estimate & due to the current instability in freight offers, can only be confirmed at the time of the product being available ex works. 3. This quotation is based on the supply of DONCHAMP® (100% MRC Lucite virgin monomer) 4. All DONCHAMP® is cut to standard or requested dimensions. 5. DONCHAMP® is masked on two sides with pressure sensitive thermoformable PE Masking. 6. DONCHAMP® has an identification label on one side. 7.Payment terms : 100% before shipment 8.Validity: 10 days from the date of this quotation. 9. Ex Works (DONCHAMP Taixing) Date: 10. ETD (Estimated Time of Departure from Port): 11. ETA - approximate date (Estimated Time of Arrival into destination Port):										