Prescriptive Certificate of Compliance: Residential						CF-1R-ALT			
Residential Alterations For REROOFING (Page 1 of 1)									
Site Address:				Zone: 10			# of Sto	ories:	
Building Type □ Single Fami	ly □ Mul	ti Family	Enforce	ment Agency:	City of On	tario	Date:		
Existing roofing type:			New roo	ofing type:					
Total roof Area:	ft^2		Total r	reroof Area:		ft^2	% rero	of Area:	
COOL ROOF REQUIREMENTS FOR LOW-RISE RESIDENTIAL BUILDINGS IN CLIMATE ZONE 10									
When the area of exterior roof surface to be replaced exceeds more than 50% of the existing roof area, or more									
than 1,000 ft, whichever is less, the new roofing area must meet the "Cool Roof" requirements:									
- For low sloped roof (pitch ≤ 2 :12): Cool roof not required									
- For steep sloped roof (pitch > 2:12) with density of less than 5 lb/ft ² : minimum Aged Solar Reflectance =									
0.20 and minimum Thermal Emittance = 0.75, OR minimum Solar Reflectance Index (SRI) = 16.									
- For steep sloped roof (pitch > 2:12) with density of $\frac{5 \text{ lb/ft}^2 \text{ or more}}{\text{constant}}$: minimum Aged Solar Reflectance = 0.15									
and minimum Thermal Emittance = 0.75, OR minimum Solar Reflectance Index (SRI) = 10.									
Check applicable alternatives below if the roof alteration is exempt from the roofing product "Cool Roof" requirements. Note: If any									
one of the alternatives below is checked, the Aged Solar Reflectance and Thermal Emittance requirements for roofing products are not									
applicable. Do not fill table below. Alternatives for steep-sloped roof (pitch > 2:12)									
☐ Insulation with a thermal resistance of at least 0.85 hr·ft*.° F/Btu or at least a 3/4 inch air-space is added									
to the roof deck over an attic; or									
□ Existing ducts in the attic are insulated and sealed according to Energy Standards § 151(f)10; or									
□ Building has 1 ft² of free ventilation area of attic ventilation for every 150 ft² of attic floor area, and at									
least 30 percent of the free ventilation area is within 2 feet vertical distance of the roof ridge; or									
□ Building has at least R-30 ceiling insulation; or									
□ Building has radiant barrier in the attic; or									
□ Building has no ducts in the attic; or									
□ Building has R-3 or greater roof deck insulation above vented attic; or									
□ Roofing area covered by building integrated photovoltaic panels and solar thermal panels; or									
□ Roof constructions that have thermal mass over the roof membrane with at least 25 lb/ft². Note: If no CRRC-1 label is available, this compliance method cannot be used, use the Performance Approach to									
show compliance, otherwise, Check the applicable box below if Exempt from the "Cool Roof" Requirements:									
•	Roof Slope Product Weight Product						Solar	Thermal	
CRRC Product ID Number ¹		_		$\geq 51b/ ft^2$	$Type^2$	Reflect	ance ^{3, 4}	Emittance	SRI ⁵
						□4			
						□4			
1 TL CDDC D 1 (ID.V. 1	1 1	16 1 6	1 D CD .:		1D 1 (D)		1	C / 1 / /	1 1
1. The CRRC Product ID Number can be obtained from the Cool Roof Rating Council's Rated Product Directory at www.coolroofs.org/products/search.php 2. Indicate the type of product is being used for the roof top, i.e. single-ply roof, asphalt roof, metal roof, etc.									
3. If the Aged Reflectance is not available in the Cool Roof Rating Council's Rated Product Directory then use the Initial Reflectance value from the same									
directory and use the equation (0.2+0.7(ρ initial – 0.2) to obtain a calculated aged value. Where ρ is the Initial Solar Reflectance.									
4. Check box if the Aged Reflectance is a calculated value using the equation above. 5. Calculate the SRI value by using the SRI- Worksheet at http://www.energy.ca.gov/title24/ and enter the resulting value in the SRI Column above and									
attach a copy of the SRI- Worksheet to the CF-IR.									
To apply Liquid Field Applied Coatings , the coating must be applied across the entire roof surface and meet the dry									
mil thickness or coverage recommended by the coatings manufacturer and meet minimum performance requirements									
listed in Energy Standards § 118(i)4. Select the applicable coating:									
☐ Aluminum-Pigmented Asphalt Roof Coating ☐ Cement-Based Roof Coating						☐ Other			
Decumentation Authoria Declaration Statement									
Documentation Author's Declaration Statement									
• I certify that this Certificate of Compliance documentation is accurate and complete.									
Name: Owner Authorized agent Contractor						Signature: Contractor license #:			
Company :							or licen	se #:	
Address:						Phone:			

Date:

City/State/Zip: