COST ESTIMATES FOR RECOATING CONTAMINATED SILOS

Silo Size	Area	Replacement[h] Cost	Hydraulic Cement[a] Item	Amount	Cost	Furfuryl Alcohol[c] Item	Amount	Cost	Water Based Epoxy[d] Item	Amount	Cost
(ft)	(sq ft)										
10x50	1750		Clean[e]		$ 50.00	Clean[e]		$ 50.00	Clean[e]		$ 50.00
			Coating	400 #	65.00	Coating	23 gal	230.00	Coating	23 gal	.00
			Bonder[b]	8 gal	38.00						
			Apply[f]		150.00	Apply[f]		150.00	Apply[g]		175.00
			TOTAL		$303.00	TOTAL		$430.00			$501.00
14x50	2198	$3400.00	Clean		$ 50.00	Clean		$ 50.00	Clean		$ 50.00
			Coating	500 #	81.00	Coating	30 gal	300.00	Coating	30 gal	352.00
			Bonder	10 gal	47.00						
			Apply		200.00	Apply		200.00	Apply		250.00
			TOTAL		$378.00	TOTAL		$550.00	TOTAL		$652.00
20x70	4396	$7000.00	Clean		$100.00	Clean		$100.00	Clean		$ 100.00
			Coating	1000 #	162.00	Coating	60 gal	600.00	Coating	60 gal	720.00
			Bonder	20 gal	94.00						
			Apply		350.00	Apply		350.00	Apply		420.00
			TOTAL		$706.00	TOTAL		$1050.00	TOTAL		$1240.00
Approximate Percent of Replacement Cost					10%			16%			18%

[a] Thoroseal $16.20/100# - 2 # /sq yd.
[b] Acryl 60 $ 4.70/gal - 2 gal/100# Thoroseal
[c] Silenzcrete $10.00/gal - 75 sq ft/gal
[d] 009 Epoxy $12.00/gal - 75 sq ft/gal

[e] $10.00/hr cleaning with high pressure water. $2.00-$3.50/ft with wire brush.
[f] $3.00-$5.00/ft to apply
[g] $3.50-$6.00/ft to apply
[h] Structure only - no hardware, roof, unloader, etc.

L. B. Willett - O.A.R.D.C. Nov. 1972

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