

CME Group
Acceptable Performance Bond Collateral for Futures, Options, and Select Forwards

Asset Class	Requirement type Eligibility (Core, Concentration or Guaranty Fund)	Description	Haircut Schedule	Eligible for Customer Segregated Requirements	Eligible for House (Proprietary) requirements	Notes
CASH	Core 100%* (see notes) Concentration 100% Guaranty Fund 0%	<ul style="list-style-type: none"> Australian dollar British pound Canadian dollar Euro Japanese yen New Zealand dollar Norwegian krone Swedish krona Swiss franc 	5%* (see notes)	Yes	Yes	<p>* Please contact clearing house for availability of foreign cash deposits.</p> <p>* Haircut is applied on FX cash when the FX cash is used for a requirement based in a different currency. Example: Japanese Yen used for Norwegian krone requirement: 5% haircut.</p> <p>* \$200 million USDE cap for Offshore Chinese Renminbi</p>
		<ul style="list-style-type: none"> Offshore Chinese Renminbi 	10%* (see notes)	Yes	Yes	
		<ul style="list-style-type: none"> Mexican peso 	15%* (see notes)	Yes	Yes	
		<ul style="list-style-type: none"> Turkish lira 	20%* (see notes)	Yes	Yes	
	Core 100% Concentration 100% Guaranty Fund 100%	<ul style="list-style-type: none"> U.S. dollar 	0%	Yes	Yes	

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Letters of Credit	Core 40%* (see notes) Concentration 100% Guaranty Fund 0%	Letters of Credit for Performance Bond	0%	Yes	Yes	* U.S. Agencies, Mortgage Backed Securities, Letters of Credit, IEF 5, and TLGP on a combined basis are eligible for 40% of firm's core requirement.
Gold	Core 40%* (see notes) Concentration 100% Guaranty Fund 0%	Physical Gold	15%	No	Yes	<ul style="list-style-type: none"> • Asset type = CASH in Clearing 21 with the currency type = GLD. • \$500mm cap per firm • Agreements are required. * IEF 4, Foreign Sovereign Debt, Gold, and Stock on a combined basis are eligible for 40% of core requirement or \$3 billion, the lesser of the two.

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IEF2	Core 100% Concentration 100% Guaranty Fund 100%* (see notes)	Money Market Mutual Fund Program	3%	Yes	Yes	<ul style="list-style-type: none"> • Agreements are required * Select funds are eligible for Guaranty Fund
IEF3/4	Core 40%* (see notes) Concentration 100% Guaranty Fund 0%	Fee based triparty collateral management program for pledging alternative collateral	See notes	Yes	Yes	<ul style="list-style-type: none"> • Haircut schedule is included in schedule 1 as part of the IEF3/4 agreement. • Agreements are required. * IEF 4, Foreign Sovereign Debt, Gold, and Stock on a combined basis are eligible for 40% of core requirement or \$3 billion, the lesser of the two.
IEF5	Core 40%* (see notes) Concentration 100% Guaranty Fund 0%	Cash with Interest at participating banks.	0%	Yes	Yes	<ul style="list-style-type: none"> • Firm must sign agreements to participate. • Overall caps exist at the program level and at firm level. • Bank may also institute a cap in the program. * U.S. Agencies, Mortgage Backed Securities, Letters of Credit, IEF 5, and TLGP on a combined basis are eligible for 40% of firm's core requirement.

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			Issue Date is more than 270 days	Time to Maturity						
				0-5 yrs	5-10 yrs	10-30 yrs	> 30 yrs			
U.S. Treasuries	Core 100% Concentration 100% Guaranty Fund 100%	TBILL	--	0.5%	0%	0%	--	Yes	Yes	
		TBOND/ TNOTE	1.5%	3%	4.5%	6%	--	Yes	Yes	<ul style="list-style-type: none"> TIPS are included in this category
		TSTRIP	--	11%	11%	11%	--	Yes	Yes	
U.S. Agencies & Mortgage Backed Securities	Core 40%* (see notes) Concentration 100% Guaranty Fund 50%	Discount Notes and Bills: FFCB, FHLB, FRLMC, FNMA	--	3.5%	--	--	--	Yes	Yes	<ul style="list-style-type: none"> Eligible issuers include Fannie Mae, Freddie Mac, Federal Farm Credit Bank, Federal Home Loan Bank, and also include Ginnie Mae for MBS securities. Issue size must be greater than \$1 billion for coupon bearing instruments (GSEOTH) and the only permissible derivative feature is floating rate. Mortgage backed securities must be backed by 15 or 30 year conventional loans only. Fixed rate only. <p>* U.S. Agencies, Mortgage Backed Securities, Letters of Credit, IEF 5, and TLGP on a combined basis are eligible for 40% of firm's core requirement.</p>
		Coupon bearing instruments: GSEOTH	1.5%	4%	5.5%	7%	--			
		Mortgage backed securities: GSEMB	--	11%	11%	11%	11%			

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				0-5 yrs	5-10 yrs	10-30 yrs				>30 yrs
Foreign Sovereign Debt	Core 40%* (see notes) Concentration 100% Guaranty Fund 0%	Discount Bills from the following countries: Canada, France, Germany, Japan, Sweden, and United Kingdom* (see notes)	--	5%	--	--	--	Yes	Yes	* The maximum performance bond credit is \$1 billion USDE across all asset accounts. C21 ASSET TYPE = BILL or BOND with the corresponding associated currency selected.
		Notes and Bonds from the following countries: Canada, France, Germany, Japan, Sweden, and United Kingdom* (see notes)	1.5%	6%	7.5%	9%	10.5%	Yes	Yes	* IEF 4, Foreign Sovereign Debt, Gold, and Stock on a combined basis are eligible for 40% of core requirement or \$3 billion, the lesser of the two.
U.S. Equities	Core 40%* (see notes) Concentration 100% Guaranty Fund 0%	Select Stocks from S&P 500 Index	30%				Yes	Yes	<ul style="list-style-type: none"> Website is updated quarterly http://www.cmegroup.com/clearing/financial-and-collateral-management/collateral-types-accepted.html#stocks * IEF 4, Foreign Sovereign Debt, Gold, and Stock on a combined basis are eligible for 40% of core requirement or \$3 billion, the lesser of the two.	
Corporate Bonds	Core 40%* (see notes) Concentration 100% Guaranty Fund 0%	Select from CME's monthly eligible corporate bond list	20%				Yes	Yes	<ul style="list-style-type: none"> List is updated monthly Pledged through IEF 4 Program. * IEF 4, Foreign Sovereign Debt, Gold, and Stock on a combined basis are eligible for 40% of core requirement or \$3 billion, the lesser of the two.	

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			Issue Date is more than 270 days	Time to Maturity						
				0-5 yrs	5-10 yrs	10-30 yrs				>30 yrs
TLGP	Core 40%* (see notes) Concentration 100% Guaranty Fund 0%			10%			Yes	Yes	<ul style="list-style-type: none"> • Issue size greater than \$1 billion. • Denominated in U.S. dollars. • Guaranteed for its entire term. • Carry an active price as carried by Bloomberg Generic Pricing System. • Issuer may not be affiliated with the clearing member, its parent or any of its affiliates. • Must be delivered with Repo Tracking on DTC. • \$200 million cap per firm. <p>* U.S. Agencies, Mortgage Backed Securities, Letters of Credit, IEF 5, and TLGP on a combined basis are eligible for 40% of firm's core requirement.</p>	